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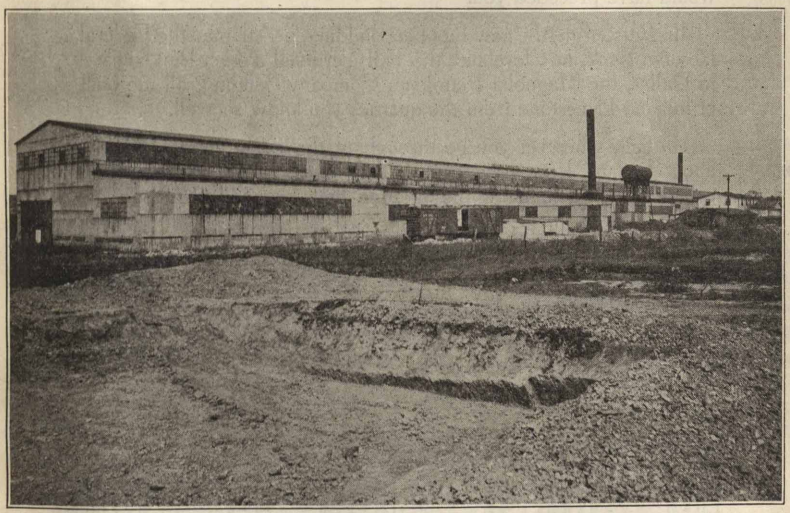
# Quarries and Mills

EDITION

DEVOTED to WELFARE of the INDIANA LIMESTONE INDUSTRY

## MILL WHERE STONE FOR THE GREAT TRIBUNE TOWER WAS FABRICATED



TRIBUNE MILL, BLOOMINGTON
Indiana Limestone Company

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# "FROM INDIANA"

## Two words that go a long way

IF you were to visit New York City next week, you might be shown the beautiful New York Life Insurance Company Building, and numerous other fine structures. And in these you would at once recognize the familiar Indiana Limestone of which they are built.

Or suppose you took an overnight trip to Chicago. Here again, amid the many interesting sights of famed Michigan Boulevard, you would see this stone from home—this time adorning Tribune Tower, the London Guarantee Building, the new 333 North Michigan Avenue Building and the beautiful Elks' Memorial, among others too numerous to mention.

Should your journey be to Pittsburgh, Atlanta, Cleveland, New Orleans or Dallas—this stone from the hills of your home town would have preceded you.

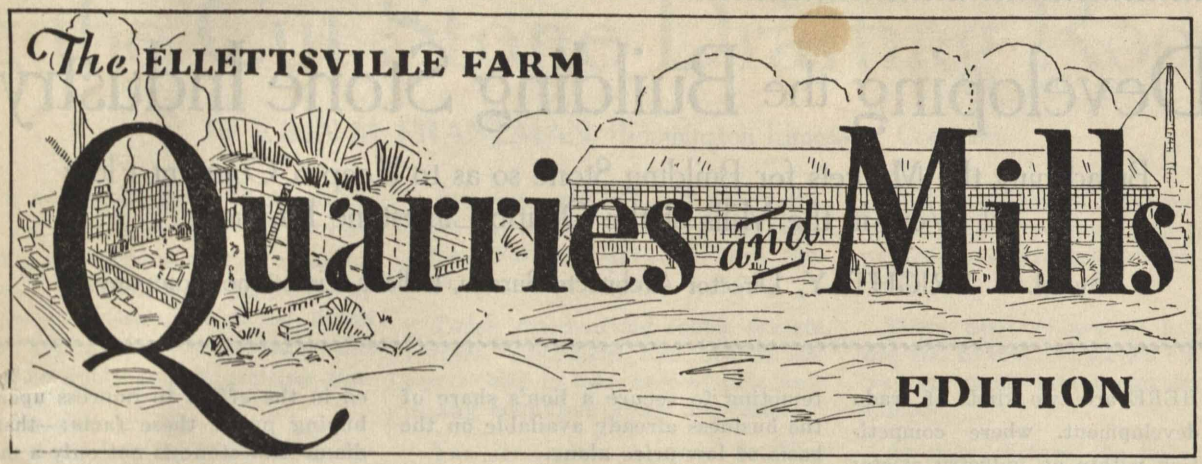
In Pittsburgh, the new Koppers Building, in Atlanta, the Federal Reserve Bank, in Cleveland, the Tall Terminal Tower Building and in Dallas, the Magnolia Petroleum Company Building, all are built of Indiana Limestone from the quarries you know so well.

In fact, wherever you go throughout the country people know about Indiana Limestone or "Bedford stone," as it formerly was called. And they know the prestige that Indiana Limestone has so well earned.

You likewise are a Stone District product and have within you the power to bring fame to it just as the stone from our quarries has done. Wherever you go, whatever other work you engage in, don't forget to let the world know what you know and think of the outstanding merit of the building stone produced by the Oolitic Limestone district.

General Offices: BEDFORD, IND. Executive Offices: TRIBUNE TOWER, CHICAGO

*The* NATION'S BUILDING STONE




# Indiana Oolitic Limestone Industry

In presenting to the readers of this paper this Quarries and Mills edition, the Editor in a modest way visualizes a dream of a half century.

Being a witness to the early development of the Indiana Oolitic Limestone Industry, with its attendant vicissitudes and struggles to gain a place in the building program of this country, and nursing a vision of the magnitude to which the industry was destined, the Editor has for years thought that a publication in the local field, with the high purpose of co-ordinating more closely the energies of the various groups of workmen, could be issued to the benefit of the industry.

This Quarries and Mills edition has a background of years of thought on the subject, and with a first hand story of the great industry indelibly woven in the loom of his memory—smoldering for years—now finds a culminating outlet through these pages.

Realizing that cheerful, satisfactory co-operation, clear along the line, from superintendent on through every group to the man with the shovel, is basic for the highest efficiency, it shall be our purpose to accentuate and encourage a policy on these lines.

Under proper headings we shall give shop notes of Quarries and Mills, including Office and Drafting Rooms, Ledges, Derricks and Stacking yards, Blacksmith shops, Sawyers, Planers and other machine departments, cutters and carvers, details throughout—information that shall have for its purpose the blending of the various units into a community of interests.

Matters of general interest to the Indiana Oolitic Limestone Industry, historical and otherwise, will be found in these pages, embracing information that will prove of interest to the men on the job, and to the public generally.

The Editor has long held to the theory that it does not depend so much on the department of our energies as the quality of our service. After all, life is a matter of efficient, honorable service of some sort, and the satisfaction of knowing that one has given the best there is in him, earning adequate wage, leaves no time or place in his mind to be discriminating about the department of his services.

We solicit the co-operation of the stone men and employes, and trust that our Quarries and Mills edition will prove of interest to them.

Respectfully,

W. B. Harris, Editor,
W. B. Harris and Son.

# Developing the Building Stone Industry

## Broadening the Markets for Building Stone so as to Keep a Constant Flow of Work in the Mills of the Oolitic Limestone District

By H. S. BRIGHTLY, Director Architects Bureau, Indiana Limestone Company

THERE are two kinds of trade development, where competition within an industry exists; —creative or "constructive" and purely competitive on the basis of price, or "destructive." Very often the latter kind of competition and business getting is the only kind known and practiced, which always has unfortunate results for any business.

Some people seem convinced that the only way to get business is to quote a price lower than anyone else can quote. Quite obviously, if practiced this will in a short time defeat its purpose, and when practiced to any general extent by an industry or a branch of any industry, it soon means that these concerns who practice it are giving away their services to the buying public and frequently doing business at a direct loss in their eager scramble for some share of the business available.

That price competition is the one real important factor in the marketing of a product or a service is an old theory of business getting that has long been exploded. Constructive business developments of modern times have clearly indicated that real salesmanship invariably means getting some premium in price and the majority of successful concerns today are not underselling all competitors, but obtaining a higher price for their commodities on the basis of superiority either in product or in service rendered. This should be true in all branches of the building business to the same extent as it is in other lines of industry.

By constructive or creative competition is meant the broadening of the markets for a product by creating new business, that is a new demand for it where a demand did not exist before, rather than by attempting to secure a lion's share of the business already available on the basis of low price alone.

Dependence upon the large and spectacular building operation that occurs here and there, in other words, that may occur this year but not next year, should not be depended upon. It is the smaller operation of every kind in great volume that must make the back-bone of the district's business and the large job be looked upon as the "filler-in", rather than the reverse. It is this very important phase in the future development of the stone industry that is now being given some serious attention. Therefore it might not be amiss to briefly touch upon some of the things that are being done to develop this industry by the broadening of its markets for only in that way can constant flow of work be kept coming into the district at all times.

In order to do this it is necessary to make known to the building public in all of its specialized branches, the merit, durability, comparatively moderate cost and consequent genuine economy of limestone for their specific requirements. It is necessary in the school and college field to impress educators, as well as architects of this. It is necessary in the commercial field to impress business men, bankers and investment brokers of this fact; and in industrial lines, similarly impress corporation officials; and in the home building field to create a desire for the more substantially built stone house;—And so on in any single branch of the building industry where any prospects exist:—The moving picture field for instance, the hospital field, and every other specialized branch of building must be considered.

This is what the Indiana Limestone Company is attempting to do by their extended advertising and publicity programs, and other promotional activities. No stone is being left unturned in the effort to impress upon the buying public these facts:—that Indiana Limestone is not only a material for the fine costly monumental structure but, used in an appropriate manner, may bring to the building of modest proportions and distinctly moderate cost, that same element of distinction and durability and genuine worth that is incorporated into the larger and more important structure; also that this can generally be done without any unwarranted increase in cost.

In this campaign, as is always necessary in a campaign of that kind, the Indiana Limestone Company recognizes that not only must they create new business for their individual mills, but also for the mills of the Trade in general; their customers both in and outside of the district. No producer of raw material in undertaking to broaden the markets for its product can hope to control to their own benefit the demand which they create, but must carry on this work in a philanthropic way for the benefit of all and take only a just share of the benefit derived for the industry as a whole:—which brings us to this, the crucial point—

If one company can accomplish distinct benefit in that way, how much better it would be if all concerns in an industry, both large and small, were to both individually and collectively view the problem ahead of them in the same light and undertake to do their fair share of creative and promotional work, relying less and less upon price alone as a means of business getting. If they could but visualize the ultimate benefit of this to all, it is a forgone conclusion that this procedure would be followed with ever increasing enthusiasm.

The great oolitic limestone industry of southern Indiana has a great future ahead of it. To the operator,

(Continued on Page 6)

# In the Cut Stone Drafting Room

By JOHN M. FRANZMAN, Bloomington Limestone Company

IT is not the purpose of this article to delve into, or attempt to describe the various orders of architecture, as numerous volumes by competent authors are to be found in the public libraries for those who desire to study this interesting subject.

Cut stone drafting is in a class by itself, and during the past 50 years, wonderful strides have been made in its perfection. In the early days of the stone industry, very little actual drafting was done and few draftsmen were employed; most of the work was done by superintendents and stone cutter foremen, who would lay out the work from architects drawings as the job progressed. With the arrival of gang saws and planers, greater production was reached, which meant that more material must be fed into these new machines. This created a demand for draftsmen to meet a new condition.

At the beginning of the present century, very few plants were equipped with modern facilities in the drafting room, drawings were made with indelible ink, and enough prints had to be made at first printing to furnish prints to the architects for approval, retain sufficient prints at the plants for checking and ticketing purposes, and to supply a required number to the contractor for setting. These prints were made from hectograph boards, which were prepared by mixing china clay and glycerine into a pasty mass, and troweling it down to a smooth surface, and corrections which had to be made after drawings were printed necessitated erasing and changing each print.

Tickets at this time were generally made in list form and no original was kept. In event a stone was broken in transit, or cut wrong in the mill, it was often necessary to make new tickets and patterns, before these stones could be replaced.

Layouts for arches, etc., at that time, were made any place sufficient space could be found, slabs of stone were placed in the mill yard for laying out of work too large for the office floor.

Patterns were made of paper, tin, zinc, galvanized iron, or most anything, that the particular firm favored.

Today the drafting rooms contain modern equipment and are of adequate size to take care of practically any condition which may arise.

The first step in stone drafting after contracts are awarded is the preparation of the shop drawings for architects approval; these are made either on tracing cloth or tracing paper from which any number of blue prints can be made at any time they are required.

The architects drawings from which the shop drawings are prepared are often incomplete, and much detail is left to be worked out by the cut stone draftsman. Conflicting dimensions, etc., must be noted by the draftsman and attention of architect called to same when drawings are submitted to him for approval.

Upon return of the approved or corrected shop drawings, the next step is the correction of the original tracings, they are then ready to be numbered, each individual piece of stone shown on each drawing must have a number, like stones having like numbers or as some firms prefer each stone a separate number. The drawings are designated by letters, which precedes each number on the drawing, when the process of ticeting begins. After the drawings are numbered, they are then ready for fabrication or ticketing. Most plants prefer the individual ticket system making a separate ticket of each piece of stone shown on the drawings, these tickets follow the stone through the mill from the gang saws to cars which are loaded out. Each ticket is checked against the shop drawing and architects detail before it is placed in the mill.

Full size layouts are made for all arches, gables, angles, etc., and patterns are made from these for cutting the various shaped stones, patterns are also necessary for all moldings and other work which cannot be dimensioned on the tickets. The preferred material for patterns at the present time is sheet zinc, on account of the ease with which it can be worked, and because of its resale value.

These patterns are all numbered and the tickets for stones on which they are used, have a corresponding number.

As stated before, the tickets, layouts and patterns are then checked and ready for the mill, each ticket representing a single piece of stone. Upon reaching the mill, the first operation is gang sawing, which sizes the stone to one or two dimensions as the case may be, after the stone is taken from the gang saws, the tickets for which it is to be used are placed upon the stone and it is carried by the cranes to the planers where it is dressed to shape, mouldings, etc., and cut. In fact, everything that can be executed by these machines is done in order to save the more expensive hand labor of stone cutters.

After leaving the planers, the stone is sent to the diamond saws for jointing. These machines are equipped with large circular blades, having teeth set with diamonds, which cut through stone at a remarkable speed.

The next operation is the finishing process which is done by the stone cutter, using pneumatic air hammers, return heads, checks and other work which cannot be done by machines, comes under the heading of stone cutting. After this final step, each stone is numbered according to its ticket and it is then ready for the car. If all operations have been accurate, it goes to its destination (often hundreds of miles away) and fits into a building which the men, who have executed the work, have never seen.

As can readily be seen, the tracing cloth or tracing paper shop drawings which will permit blue printing any number of copies, the ditto roll, on which any number of tickets can be printed, and original copies be retained are wonderful improvements over the former "slip-shod" methods used in the early days of the stone industry.

# The General Situation in the Stone Industry

By R. M. RICHTER, Vice-President, In Charge of Sales Department Indiana Limestone Co.

IT is always harder to understand a thing in a general way when we are too close to it. For example, the architect inspecting a stone job is inclined to find a lot of fault with single pieces of stone when he gets up to them perhaps with a magnifying glass and begins to look for trouble. But when he stands a few feet away or across the street all of these single pieces of stone together in a wall look very good. That is the way we should look upon the stone industry in the Indiana Limestone District. Everybody has their big and little troubles. It is in the nature of things that each individual should consider his troubles the biggest of them all and out of all proportion to the many other things that make the District what it is. But when we look back over the last ten years, what a fine story it all makes taken as a whole. The war found the District pretty much flattened out. But it came back tremendously strong as soon as the entire country got its breath. How many recognize that in the past ten years there has not been a single serious or even minor labor difficulty. Men have worked steadily and are enjoying the highest scale of wages they have ever had. It took big business to make that possible.

What a remarkable thing it is that this tremendous industry should be concentrated principally in two small counties. How simple that has made the whole problem from the standpoint of the individual employed in the industry. In theory this has also made it simple to develop the markets for Indiana Limestone. Simple at least in principle, however difficult in practice.

While a great deal of progress has been made in the upbuilding of the general situation, large problems still lie ahead. The maximum output of the District according to government reports is right in the neighborhood of 14,000,000 cubic feet per year. The productive capacity is almost double that. That means finding a new and larger market, which is the task of the capital invested in the industry. That responsibility to itself and to all others employed in the District is thoroughly appreciated and the job of putting it over is actively in hand.

We hear it said that this, that or the other business is undergoing a revolution. That is true of everything of any consequence in the business world. Perhaps revolution is only another word for competition. The entire American business institution is built up on competitive evolution and revolution. It challenges the ingenuity and ability of the man in the game not only to hold his own, but to improve his position. And that is just as true of the invested dollar as of the man at work no matter in what division of the industry.

There never was such an opportunity to do bigger and better things individually and collectively. Nor was there ever a time when the survival of the fittest was a more powerful influence than we have it with us right today in the Indiana Limestone industry.

The large increase in capacity which has come into the District in the last few years makes it very necessary for all concerned to so direct their activities that wholesome conditions are observed. The business is there and will be there in constantly increasing volume. But there is more to it than simply swapping dollars. Everyone from the water boy in the quarry on up is interested in a decent return for the invested dollar and for the man at work. The tremendous volume of business which is in prospect for the next several years can be made to yield such an income that the entire Indiana Limestone District will enjoy an indefinite period of prosperity beyond anything considered possible heretofore. But opportunity alone is not enough. It takes common sense on the part of everybody to do their respective tasks in a constructive way so that the industry at large may have support from every thinking person and will reap a tangible reward. Volume without profit is as bad as poor business.

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# Developing the Building Stone Industry

(Continued from Page 4)

the question is, what are you who are engaged in it going to do about it? Continue to render a genuine service to the building industry of the nation and the buying public on the basis of low-price alone, at little or no profit to yourself, or make a collective effort to create a better and more constructive competitive condition, one that will be distinctively profitable to all without restricting the present extensive, in fact increasing use of our commodity — Indiana Oolitic Limestone?

To the worker the question is, are you going to carry on the various operations that you are engaged upon in the most efficient manner with the least lost motion and unnecessary effort on your part?

Efficiency does not necessarily mean harder work, but usually more head work and less hand work. The time has gone by when the one thought in business management was drive the workers to produce the greatest amount of work possible by hard manual effort.

The big savings in production cost that are being accomplished today are being accomplished by brain work, reduction of arduous hand labor,—saving time in the handling of various operations,—curtailment of accidents, and the prevention of waste in all departments.

These are the things that the worker must contribute towards extending the markets for Indiana Limestone.

It should be kept in mind that every iota of efficiency that you add to the production of fabrication of the product will help in the marketing of it on a more favorable basis in competition with other materials produced elsewhere. The net result of this is aiding the industry by whom you are engaged. By aiding your employer in that way you are helping the district and in turn helping yourself.

# Baltimore & Ohio Merger with Monon Railroad Detrimental to Our Stone Interests

By W. G. CLEVENGER, Secretary Chamber of Commerce, Bloomington, Indiana

NOT only do the people of Indiana realize the dangers of the acquisition of the Monon by the Baltimore and Ohio but the interest in this proposed merger has and is extending into our neighboring states, as shown by a number of intervening petitions filed by various other Chambers of Commerce, Boards of Trade, and State Public Service Commissions. Also there is a growing sentiment which is adverse to the general railroad consolidation plans, in which the general public and especially the shippers foresee a radical reduction in rail competition, with the consequent removal of favorable freight rates, reduction in the choice of routing shipments and a situation which will become more and more difficult for the shippers to gain recognition of their problems, by the carriers.

The Baltimore and Ohio's purpose in wishing to absorb the Monon is merely to acquire a well financed and dividend paying road to fatten their own lines and also in order to acquire additional mileage so as to better compete with other large east and west systems in the battle of supremacy that is now taking place all over the country. This is primarily true in spite of the fact that Mr. Willard stated in a letter addressed to the Indiana State Chamber of Commerce that the B. & O. had no wish to grab the Monon and that his company was merely trying to carry out the wishes of congress, regarding railroad consolidations.

Their application is based on the old report of Professor Ripley which he was authorized by congress to make, and which was never approved by the Interstate Commerce Commission, and on the former Railroad Act of 1921, the purpose of which was to strengthen certain short line roads that found themselves in financial difficulties immediately following the government operation during the war. It now very much appears that the larger east and west roads are trying to divert the purpose of this Act for pure commercial reasons. This statement is bourne out by the fact that the past applications made have been for paying roads and the Commission in allowing such absorptions have forced through economic pressure the applying roads to also absorb the weaker ones—and at a price very much inflated—which of course reflects itself in an added freight tariff structure, which the general public must bear.

The Ripley plan of consolidation deals with each Official Freight Territory as a distinct unit, so that standard and uniform rates would apply in each group but failed to recognize interterritory movement, and if carried out as certain railroads are now trying to do, not only the shippers of Indiana but those of all other states as well, stand to lose that for which their associations have fought. In this fight the short line roads have been friendly and aided materially. For example the Monon was instrumental in the doing away with the old Pittsburg Plus freight scale through the issuing of independent tariffs, that have forced the other lines to acquiesce, regarding the movement of iron and steel. In addition the Monon has been of assistance to our State Chamber of Commerce in other cases and when following the war the east and west roads tried to cancel the southern export rates the Monon again published independent rates that have kept them into effect, which have meant an enormous saving for all manufacturers in the central west and which has developed New Orleans into a port, second only to New York City. Why wouldn't the east and west systems like to cancel these rates forcing all export goods through their eastern ports, and be permitted to haul these same goods a distance of several hundred miles further.

We feel, too, or rather expect that if the east and west systems are permitted to acquire and control the policies of the north and south roads that existing rates between the north and south will be canceled and that the eastern manufacturer will be given as favorable, if not more, favorable rates to the south than our own industrial enterprises, so that the east and west roads will have a greater haul with resultant greater earnings but with also the result that the central west will have to decidedly compete with the east in the southern market. By the same token will the southern producer be given and extended better rates to the east over the central west, out of which we will retain our local markets and lose the advantages we now have in others, which can only result in industrial over capacities for Indiana and the central west.

In addition to this larger issue, Indiana stands to lose as a state a great deal more, through the loss of purchases, payrolls and a depletion in valuation that can only result in higher tax rates, not only for the communities served by the Monon but for the entire state as well through the state tax rate. Also a railroad, whose officials can be approached and whose attitude is friendly against that of another whose system is so large that the individual shipper can never hope to have satisfactory contact with officials, with power to take action, and whose attitude is that of indifference toward the public.

The puzzle connected with the entire affair is to find how, if possible, the Monon service can be bettered through such a merger, and also how such a move could be construed as to be in public interest, when the public has everything to lose and not one single thing to gain. The B. & O. has been reported as saying that they could and would not promise any better service or rate structure than that now existing under Monon ownership and control, and to the many questions that have arisen the B. & O. have never given satisfactory answers, made no promises and have appeared hesitant in revealing their position. Perhaps they also cannot solve the puzzle as to how the general public interest is to better—if it can—the state of Indiana. If so we would like to be shown.

# JOHN MATTHEWS AND SONS PIONEER QUARRYMEN

WHEN JOHN MATTHEWS and wife, progenitors of the Matthews family of Monroe county, landed in the United States from England, they were moved by visions of a world with tempered sunshine and soft air, where men have equal opportunities for attaining their ideals, and reaping rewards commensurate with their outlay of mental and physical energy.

When the second, third and fourth generations, and the unborn posterity of the future, of these pioneer forebears, look down the corridors of time, a past age widens and they realize that the breaking of old ties in the mother country to enter a new domain with its pioneer responsibilities and hardships, was epochal in the life and character of the large family to follow, and a concrete expression of the rugged type of the man undertaking the work.

Being familiar with the limestone quarries in England, as John Matthews and his son Alfred sawed stone by hand in London, with a cross cut saw, such as men saw logs with, he perhaps visualized a land over the sea, where great ledges of stone were held in the bosom of the hills, with mute appeal for quarryman, cutter and engraver to graciously give it opportunity to vie with and excel in beauty and strength in the magnificent age-old structures of his native land.

About the year 1848 when Mr. Matthews landed at New Orleans, the family arriving 18 months later, he carried the energy, tenacity and fortitude of a sturdy Englishman, and the generations following are the same type of men, and sustain his character with honor.

After a short residence at Louisville, Indianapolis and Cincinnati, the family moved to Marble Hill, near Madison, where Mr. Matthews worked in the marble mills. An opening for a practical stone man at Big Creek, brought the family to Stinesville, and in company with Col. Love, James Highet, and others, Mr. Matthews worked for some time. About 1860 the family moved to Ellettsville, occupying a humble home north of town, close to the present plant of Matthews Brothers Co. With little money, and practically no equipment Mr. Matthews began taking stone out of the ledge where the mill now stands. At this point the ledge jutted out, and there being very little earth or shell rock over it, the stone was accessible, and easily quarried. The process of quarrying then was crude. Holes were drilled and the stone blasted off. At that time market demands for the stone were very limited. The Louisville, New Albany and Chicago railway had just been built and stone was needed for bridges. The capacity of cars was 20,000 pounds. Only small blocks could be handled. The first few years the output of the quarry was very limited. On the return of Peter T. and William N. Matthews from the army, they entered the work, and new impetus was given the business.

About 1864 a four gang mill was erected, being the first one in the district. Later an addition of four gangs were added to the mill, and a "scabbling" yard was maintained. For several years about forty men worked in this department. At that time the railroad had no switch engines here, and the cars were pulled from town to the mill by horse power—old "Selim," a fine black steed familiar to the ever present boy of ten summers or less. An incident, quite humorous, occurred on one of the trips after a flat. The men were instructed to bring down a car, with "Hay" on it. Imagine their chagrin when they could not find a flat car with hay on it. Returning to the plant Mr. Matthews in his heavy English sent them back to look for a car with the letter "A" on it. A steam saw mill, even to be "waited on" with a hand derrick was developing into an attractive center of community activity. On various occasions, we remember when the late John Collett, state geologist, was invited to visit the plant, the firm and our citizens gave Mr. Collett a warm reception.

As the volume of business increased, in 1875 the firm bought the first channeling machine ever in use in the district. It cost $6,000, and created much interest, attracting many visitors. In 1883 John Matthews died, and the name changed from John Matthews & Son, to Matthews Brothers, Peter T., William N. and Fred forming the partnership. In April, 1884, Peter T. was killed in a dynamite explosion.

The year 1889 the Matthews Brothers and Mrs. Elrod, then the widow of Peter T. Matthews, Capt. G. K. and Major Henry F. Perry, and Van Buskirk, purchased 240 acres of land at Oolitic, and the famous Perry, Matthews & Buskirk quarry was organized. After running the place for several years they sold the plant for $300,000. Since it has been sold a time or so for millions.

In 1909 the Matthews Brothers Company was incorporated, succeeding Matthews Brothers, the company being officered as follows:

Fred Matthews, President.

G. H. Barrett, Vice-President and General Manager.

Albert E. Matthews, Secretary.

Irvin S. Matthews, Treasurer.

The company under reorganization replaced the old mill with a new steel and concrete structure, 495 feet in length and 110 feet wide, and installed the most approved modern types of saws, planers, diamond saws, cranes, special milling machine,

# Founders of the Present Matthews Bros. Company

## Fred Matthews Only Surviving Member

lathes, etc., with the result that they have one of the largest and most complete mills in the district. With the best equipment that money could buy the company entered in a large way the cut stone business, and the annual turnover has grown into one of the largest in the entire belt, nine figures being required to express the value of the annual volume of business.

The Matthews Brothers Company has one of the best organizations in the entire belt, and their strict integrity, and exceptional abilities to handle large business has given them a standing among the architects and large construction companies that is a compliment to their business acumen and their perfectly balanced business organization. Not only "how much, but how well," is the record of the Matthews Brothers Company that is current with the building trades associations of the country; it is not the ability to "underbid," but the ability to "overdo" that keeps their immense plant busy.

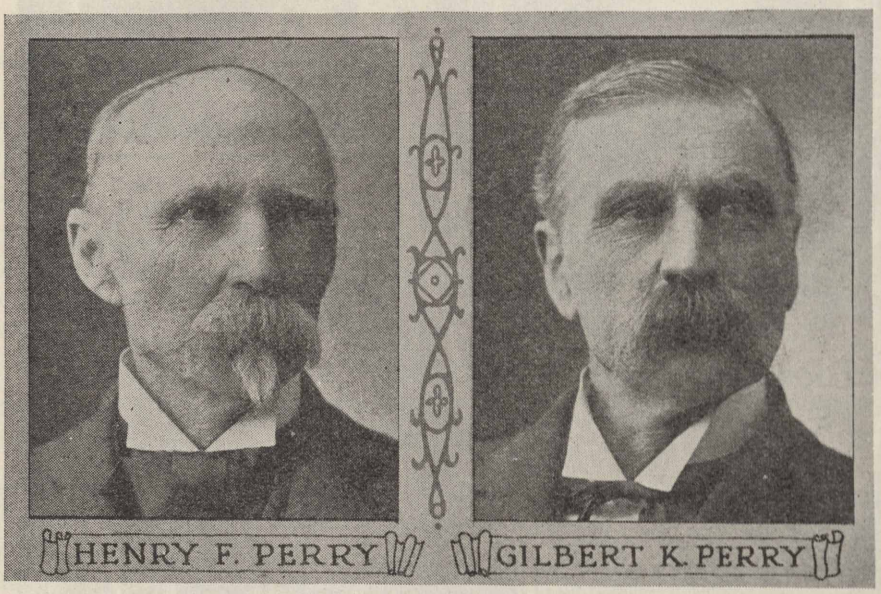
The large force of employees heartily cooperates with the management in every department of fabrication, a splendid pride and coordination permeating the entire works from president, manager, superintendent, foreman and the employees clear down the line—a factor necessary for the highest efficiency.

Recently they completed the Scottish Rite Temple at Indianapolis. This structure is the most beautiful and largest Masonic temple in the world, and cost over $2,000,000.

A company, right here in Monroe County, that is capable of handling such business as this is indeed the pride of the community, and in its various ramifications, from its early crude beginning to its present large dimensions does credit and honor alike to the present management, and to its founder

JOHN MATTHEWS.

# Henry F. and Gilbert K. Perry
# Among the First in the Field




IN presenting the story of the early development of the Oolitic stone business, it is fitting, to enter briefly into an analysis of character of the men beginning a business of which so little was known as the stone business in 1866.

It was only men of perspective and unlimited faith in the commercial future of the country that would engage in an undertaking so hazardous, and the Perry Brothers were of this type. When mere children, their parents died, consequently in boyhood they began the battle of life, learning by experience the value of energy and economy as important foundation factors back of a successful career.

Captain Perry, the older of the two was of rugged build—physically and mentally very active, temperamentally firm of conviction; constructive and of ready initiative. He possessed strongly the elements of leadership, and in army life and in a business relation he had exceptional executive qualities, and withal a dignified, engaging personality.

Major Henry F. Perry was a different type to his brother. The Major was undersize physically, and from a serious wound at the battle of Atlanta, went through life physically rather frail. But his robust mentality was not in keeping with his slight bodily attainments, for he was a man of marked abilities. He was quiet, dignified, and thoroughly democratic. His early life was spent in school teaching. Twice he was elected county auditor of this county.

The Perry Brothers were born at Rockland, Maine. When a young man Gilbert K. become obscessed with the gold fever, and went to California, where he met with moderate success. In 1855 Henry F. entered medical school at Ann Arbor, Michigan. In 1858 the Perry Brothers came to Ellettsville, and in connection with Oscar Draper and James Steele engaged in the saw mill business. The mill was of that primitive vertical type, capable of a very limited output. The logs were hauled in by oxen, and the members of the firm took time about driving the oxen, usually a team of three yoke. In conversation with Henry F. the writer was informed that the oxen were regularly shod by Uncle Johnny Hineman whose blacksmith shop stood where the garage of J. S. Brown & Sons stands.

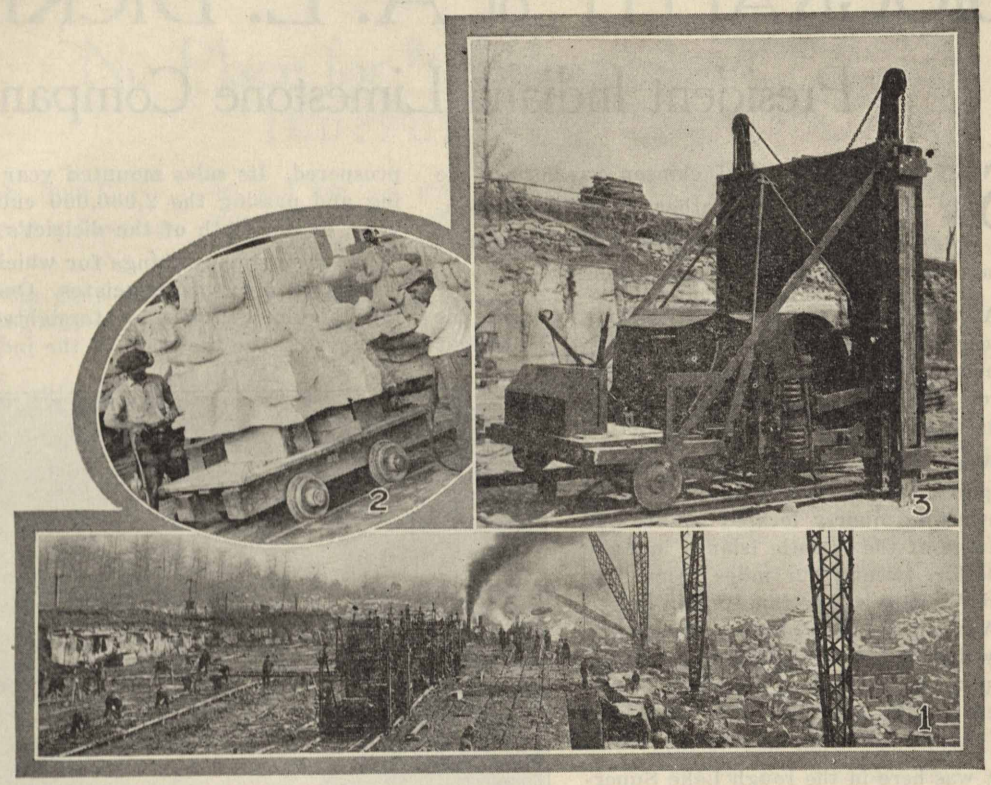
Men of this type were capable of any undertaking though it be shrouded in the uncertainty of precedent, and so upon returning from the army of the Civil War at its close, in which both rose to eminence, we find the Perry Brothers opening a quarry, the second one to be opened in Monroe county. They purchased a small tract of land from Robert Stimson, about a mile north of Ellettsville where with limited means and no knowledge of the business they began work. The methods of development were in harmony with the primitive environments of that age. Up to that time little had been done in the production of labor saving machinery. Inventive genius was busy long hours, but the fruits of its labors had not reached commercial importance and the men undertaking uncharted enterprises, must of necessity be resourceful and constructive.

Unlike the present methods of hydraulic stripping, picks, wheelbarrows, shovels, and horse drawn dump carts were used to uncover the ledges. When the "cat owl" gang had finished its work, large drills, ten, fifteen and twenty feet long were used to put down a two and some times a four inch hole. After a line of these holes were completed heavy charges of blasting powder were put in and a large block of stone 20, 30, or 50 feet long and 8, 10 or 15 feet wide was broken out. In turn by the same methods the block was broken up into dimensions that it could be moved by derrick, the hoist being a "wench" driven by horse power. Then blocks were drilled up and broken by slips and wedges, to be scabbled for monumental bases, or to enter in the construction of bridges and buildings.

At that time there was little or no trade in this class of merchandise, and the selling end was fraught with as much difficulty as the quarrying of the stone.

The reconstruction of commercial conditions following the Civil War soon created a demand for better material in the erection of buildings, and this called for enlarged output of

(Continued on Page 15)




# ELECTRICITY
## and the SPHINX

WAY down in the southern part of Indiana are many hills upon which nature played magic. It was up to man's skill and imagination to realize that these hills contained stone which might be used in building. Years of labor and hardships brought to light the fact that this stone was of great value.

It was not until electric power had been brought to these centers that the quarries reached their full value. With the aid of electricity, this stone, which had been named "Indiana Limestone", was being produced on a large scale. The use of electric cranes, electric shovels, electric saws and other electrical equipment, has made Indiana Limestone the building material of the world. Electric power has brought the sphinx into its own.

The Interstate Public Service Company is furnishing electric service to practically every limestone quarry in Southern Indiana. A network of transmission lines carries power to the quarries and mills, thus affording them every possible advantage of modern production.

**INTERSTATE**
**Public SERVICE Company**

# BIOGRAPHY of A. E. DICKINSON

## President Indiana Limestone Company

SIXTY years ago A. E. Dickinson was born in the city of Chicago. His father, Frederick Dickinson, died when A. E. Dickinson was eleven years of age leaving the widow and four sons.

At the age of sixteen A. E. Dickinson began his career in the stone business selling Connecticut Brownstone and Kasota stone in Chicago, calling on local yards and architects in the promotion of this material.

When he was eighteen years of age he purchased an interest in an Ashland Brownstone quarry located at Presque Isle one of the Apostle Islands in Lake Superior, twenty-four miles from Ashland, Wisconsin. The family then moved to Ashland and A. E. Dickinson was employed,—first as timekeeper and bookkeeper, and then here, there and everywhere in the operating, the sales and the executive branches.

It was here in the rough Lake Superior country, twenty-four miles off the mainland, there was instilled in him the grit, determination and iron will that has marked his entire career.

It took plain every-day nerve in those days to operate a quarry. The stone was loaded on scows and dragged by tugs to Ashland. To successfully fight the elements of Lake Superior, manage half-breed Indians and gangs of foreigners, was not for those with lack of nerve. Then to quarry and sell the material and collect the money were several more rounds of the continuous battle.

In 1897 John R. Walsh employed A. E. Dickinson as a salesman. Walsh whose career ran from a bootblack to a multi-millionaire, had the energy of a hundred men. His whole life was overcoming one difficulty after another, surmounting every obstacle that stood in the way of his success. What greater recommendation could a man have than to become established as a prominent permanent part of the Walsh personnel?

In 1911 Mr. Dickinson and associates took over the Consolidated Stone Company. Everyone is familiar with the phenominal growth and success of this Company. When Mr. Dickinson took charge its equipment and buildings were obsolete and ready for the scrap heap, and financially it was within an inch of bankruptcy. Under its new management it grew and prospered. Its sales mounted year after year reaching and passing the 2,000,000 cubic foot mark per year, or one-sixth of the district's output.

There are many things for which A. E. D. will be remembered by his associates. One of his outstanding singularities was his farsightedness in the time he devoted for the good of the industry. During his

Consolidated Stone Company leadership by far the largest part of his time was spent for the good of the industry.

He was the father of every progressive step of the stone people and was chairman or a member of every important committee dealing with labor, Stone Club, International, and Limestone Association matters.

Time and time again he has said that the interest of the industry was so essentially connected with the interest of his company that any fostering care he could give the industry (Continued on next Page)

# A MONUMENT TO SWEAT

## No Place for "Clockwatcher"

[EDITORIAL]

Jim—"How goes the hour?"

Bill—"I am looking at a foremanship, not at the clock!"

Jim—"What, a young strip of a hooker like you, looking for a foremanship?"

Bill—"Yes, a superintendent's job. My daddy told me a lot of times a clock watcher never got a foremanship, and often never got farther than one pay day. And daddy knowed. He's gone over the long road, but he believed in putting out the best there was in him. An' I want the folks to know that I like my job, an' I'm going to make good at it."

Jim—"And, so you like your job, do you?"

Bill—"Sure! Not exactly like it, but I am going to make the boss see that I could handle a better job, by staying on this one good an' strong, till the opening comes for a better one. My daddy said one time he heard one of the big men say "the company promotes men from the ranks, and that your promotion depends on your efforts to render satisfactory service," and generally daddy knowed what he was talkin' about."

* * * * *

Bill was right. He was loyal to "Daddy's" record, and also to the compny he was serving. He was honest and had no disposition to get something for nothing. The yardstick by which he regulated his actions was a well balanced conscience. He was firm in his conclusions that his job was as important in the process of production, as any other job on the works, and hence as an integral part of the plant, his plain duty demanded his best efforts.

Why not! If Bill fell down on his job, there was failure and chaos in every group—the sawyer, the planerman, the cutter, the carver, the setter—even the purpose of nature in producing the stone was defated. That's the way Bill looked at it any way.

Bill was right. So was Daddy. In point of utility, Bill's job was high as the highest.

* * * * *

But Bill had ambition and initiative. Through the inevitable route of ambition, honesty, energy, and capability he was striving for a position in the plant where he might have a broader field of usefulness. Before he went over the long road as Daddy had, he wanted to become a force among his friends and in his community. He had visions of a beautiful little wife and a baby boy and a baby girl, and a nice cottage, and he realized that to reach his ideals he must make good.

Dad had deeply impressed the idea in the life of Bill, that getting up and ahead in the world could only be reached by sweat. Good, sensible persevering sweat. Starting at the bottom, and climbing the ladder round by round, through sweat and determination was the only way.

The day Bill graduated from the Eighth grade in school, Daddy took him to Bloomington. As they passed the court house, Bill was a listener to a colloquy between Pat and Mike that emphasized Daddy's ideas of getting up.

"I say, Mike, ivery toime I see thet corner stone, I remember how I sweat on it, an me bein' a lone devil in the world, thet corner stone is about the only monument I'll iver haoive, and without name it will be didicated to the sweat of an unknown Irishman."

"Yes, Pat, an the fish on the dome will be swimmen in my sweat, for there was plenty, I warrant you. I was a high brow working on the doime."

"Devil be it, yis, but you would niver ha' got up till o'i hed finished my job."

Blessed is the young man who realizes he must start at the bottom and slowly climb through toil and sweat.

# BIOGRAPHY of A. E. DICKINSON

(Continued from preceding Page)

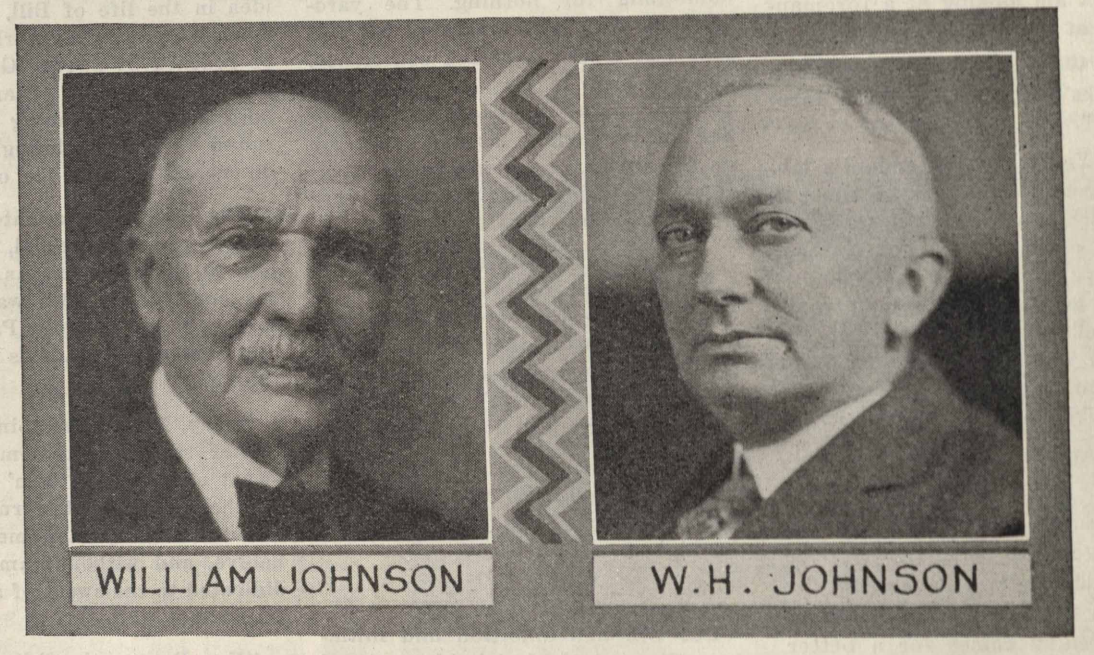
as a whole would surely some day be reflected in the earnings of his own company. Had the industry as a whole been able to see this point millions of dollars that were thrown away would have been saved.

To enrich his own company he first enriched his competitors, a rather unique way it seemed to us to go about it.

For more than fifteen years Mr. Dickinson has had a goal to which he gave almost constant thought. This goal was the merger of the different units of the district. He was never without some plan to this end. Disappointment after disappointment was never allowed to cloud the picture. As plan after plan was upset a fresh start was made, but at last on May 28, 1926, the goal was attained and the present Company is the result. Only those who were intimately associated with him knew of the effort he had put forth. There were stretches of forty-five nights in a row spent on sleeping cars, examined and cross-examined by bankers, promoters, stock brokers, lawyers and accountants. We all marveled at his ability to stand the strain.

# William Johnson Dean of Stone Industry

## W. H. Johnson President Bloomington Limestone Co.




ALONG with several others who had the perspective and unlimited faith in the commercial future of the United States and later of this particular district, was William Johnson, who was born in 1842 near Darlington, England. When he was 24 years of age he came to this country with his brother, who returned shortly after his arrival.

William Johnson then went to Chicago, where he was a broker and became interested in the stone business. From 1873 until the past three years, he has devoted his time to the industry. This, doubtlessly, entitles him to be ranked as one of the Deans of the stone business.

In 1892 he moved to Bloomington, after having been engaged in selling stone in Chicago for nineteen years and after spending a short time in Bedford, Indiana.

After coming to Bloomington, he, with some others, opened a quarry in, what is now known as, the Hunter Valley District, north of Bloomington.

Naturally, as was characteristic of stone companies in those days, his firm, the Chicago and Bloomington Stone Company experienced the "ups and downs" of the industry. With perseverance, hard work and faith, he made a success of this company and enlarged it as conditions warranted. He continued as President until two years before the formation of the Bloomington Limestone Company, by his son, W. H. Johnson.

While Mr. Johnson was still living in Chicago, W. H. Johnson was born. After he had attended the Chicago Training School, Purdue and Indiana Universities, he became a member of the Chicago and Bloomington Stone Company.

Until the formation of the new company, the Johnsons had been very successful and their holdings consisted of the Johnson Mill, Johnson Quarry, Clear Creek Mill, Maple Hill Quarry and Maple Hill Mill. At the time the Bloomington Limestone Company was incorporated, these properties together with the Hoadley-Cline Mill were taken over.

For the past three years W. H. Johnson has been the President of these concerns and is now at the head of the Bloomington Limestone Company, known in this district as the second stone merger or as the largest independent.

Mr. William Johnson, who is now 86 years old, spends his winters in the south, but in the summer when he is in Bloomington, he calls at the office each day. Never has he lost his enthusiasm or interest in the stone business.

Through the integrity, honesty and faith of both William Johnson and his son, W. H. Johnson, the business has developed into a tremendous one. Because of its splendid executives and personnel, its sound financial basis and its policies, the Bloomington Limestone Company, through the insight and perseverance of these two men, has become one of the most prominent, capable and reliable firms in the industry.

# H. F. and G. K. Perry Among the First in Field

(Continued from Page 10)

stone, under more economical methods of production. With ready grasp of the needs and demands in the building trades for the stone the Perry Brothers erected a steam stone sawing mill of four gangs, with steam hoists for the derricks. Their business rapidly increased, and within ten years they had reached a profitable stage. Channeling machines were added, and about 1872 a "traveler" was erected in front of their mill. This was the first devise of the kind for handling stone ever erected in the stone belt and was a means of expediting mill operations.

In the year 1874 or 75 the firm purchased from F. E. Worley the farm where the present plant is located. They began quarrying here and rapidly enlarged their operatives. They erected a large mill and with modern equipment both in quarry and mill their output rapidly grew to large proportions.

With the strictest fidelity to honorable business methods the Perry Brothers succeeded in establishing a splendid record and acquiring comfortable fortunes. About 1896 Maj. Henry F. Perry retired from the business. Gilbert K. Perry took the business over and continued successfully until 1898 when he died suddenly. The Perry Brothers both of whom have passed away, handed down to the present company, a record that is a valuable asset.

The business was reorganized, and is now the Perry Stone Co., owned by Eugene, H. R. and Fred D. E. Perry sons of Captain G. K. Perry and Frederick I. Owens. Ten years ago this company materially enlarged their plant equipping it with diamond saws, planers, etc., and entered the cut stone business.

With mill and quarry equipment the best that money can buy the Perry Stone Company is one of the most capable and reliable in the famous Oolitic Stone district.

The quarry on their property is producing some of the most beautiful and valuable stone in the district.

## Secondary Roads Are Important

Good roads pay dividends. They are a sign of progress and an aid to prosperity.

Industry is attracted to localities which can offer a high class, extensive road system. Agriculture is encouraged and farm values increase. Their importance in connecting distant communities, cannot be estimated.

Road building is a leading item in the tax budget. Coupled with education, it is probable that highways are today the most important aid to social progress.

We have, in the United States, a state highway system that is unexcelled. From now on the most important job is to pave tens of thousands of miles of secondary or market roads. Oil and asphaltic materials which can be applied economically will do away with mud and dust.

This is essential to open up back country, relieve congestion on main highways and encourage the building up of small towns instead of draining all the business away from them to larger centers located on improved roads.

The BANK That SATISFIES

*Adhering* constantly to the
Qualities of efficiency
Qualities of promptness
Qualities of courtesy
Qualities of accuracy

*And* the principles of cooperation and loyalty, our customers speak of this institution as *The Bank That Satisfies.*

BE ONE OF OUR COMBINATION

YOU WILL ENJOY OUR ASSOCIATION

MONROE COUNTY STATE BANK

Bloomington

*WHEN there is only ONE side to a QUESTION there CAN be no argument*

# The PEOPLES STATE BANK

**Ellettsville, Indiana**

Good Safe Place for the Mill and Quarrymen to deposit their funds

**4% On Time Deposits**

OFFICERS

W. B. Harris, President
T. D. Headdy, Vice-President
Guy A. Draper, Cashier
Byron A. Draper, Asst. Cashier

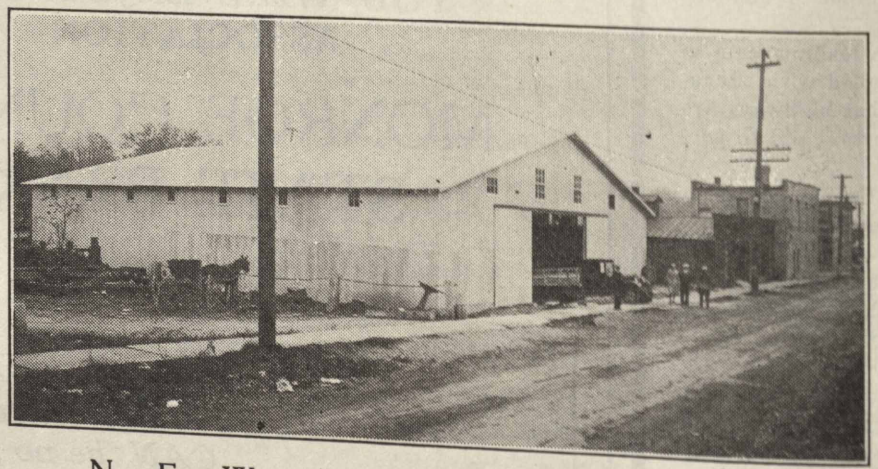
DIRECTORS:

W. B. Harris, T. D. Headdy, J. R. Harris, W. R. May, J. H. Matson

# The Ellettsville Hardware & Lumber Co.

Delivers us the goods without annoying delays

PRICED ON A COMPETATIVE BASIS



OUR NEW LUMBER SHED

We are Boosters for the New Magazine "Quarries and Mills"

# A. J. Thompson Stone Co.

## Indiana Oolitic Limestone

## Cut Stone Contractors

Ellettsville Indiana

# Developing "Safety-First" in the Stone Industry

By FRED E. HATFIELD
Director Safety and Labor, Indiana Limestone Co.

PRIOR to August 1925, Safety-First work was given little or no consideration in the Building Stone Industry.

At this time the advisability of taking up the safety work was submitted to the Bedford Stone Club Director's Meeting. With their approval, a two weeks safety campaign was carried on. Wide publicity was given through our local papers, through posters and bulletins posted in all the mills and quarries and through all the streets of Bedford and Bloomington. Noonday talks on safety and accident prevention were held and experienced speakers supplied. A contest was held, giving prizes for the best safety suggestions. Over two-hundred and fifty suggestions were submitted and some were of great value. The result of the campaign was very gratifying. Several mills and quarries operated the two weeks, without a lost time accident. This brief campaign clearly demonstrated, that it was possible to operate stone mills and quarries, at a great reduction of accidents.

On June 1, 1926, twenty- four seperate companies were consolidated into the Indiana Limestone Company.

I was assigned the Safety Department and proceeded to organize the work. Having no previous experience, other than our brief campaign, I began to search for safety information. I was given much inspiration and material help by our neighbor industry, The LeHigh Portland Cement Company of Mitchell, Indiana. This company has been intensively engaged in safety work for the past fourteen years and as a result, they have a condition which approaches perfection, with a record of twelve months, without a lost time accident. Such a record would have been considered impossible a few years past.

The work was very discouraging at first. The old saying, "That it is hard to teach an old dog new tricks," was cast at me by many of the old workmen. But as I had become so perfectly saturated with the safety idea, I was determined to make good. Thirty-two safety committees were appointed, touching our various plants and regular meetings were held for one hour on the companies time, monthly.

A Safety Manual was published and so written that the various hazards of each department of quarrying and stone fabrication are clearly set up in language familiar to the workmen in that department.

We have approximately thirty-five hundred employees. Each employee was presented a copy of the Safety Manual. The Safety Committees' are changed at regular intervals new members coming in and old ones going out, so that eventually every man will have served on the Safety Committee.

Duties of the committee-men are to make investigations of accidents, offer suggestions and recommendations contributing to better working conditions as to SAFETY and SANITATION. Assist the Foreman in enforcing Safety Rules and curbing careless practices.

New employees are impressed with the importance of being careful and presented with the Safety Manual taking his receipt for same. Make special effort to leave the impression with him that the Company is interested in his welfare.

First Aid men were appointed in each plant and given intensive instructions in first aid work. How to treat minor injuries to prevent infection, control of bleeding, applying splints in case of fractures, giving artificial respiration, etc. This work we find has been very beneficial; knowing how and what to do at the time of an injury, adds materially to the recovery of the injured.

Twenty-nine months of active Safety Work has resulted in a 40% reduction of accidents and the installation of all possible mechanical guards. It is utterly impossible to mechanically guard all hazards of the stone industry. We have reached the stage where we must specialize on educating the individual of the personal responsibility and to acquire the Safety instinct. Safety is a direct result of constructive thinking. Constructive thinking is a result of progressive thinking. As Science is an orderly arrangement of facts, so safe conditions are the evidence of orderly habits. "As a man thinketh, so is he." Shiftless thinking always accompanies shiftless actions. Unsafe thinking always results in unsafe conduct. The supreme task of the Safety Engineer is to lead workers to think constructively. When workers and employers, "Think Safety," workers will be reasonably safe. These are well known facts and every safety operator is acquainted with them.

These statements maybe said to be fundamentals of the great safety movement. Since safe thinking is generally known to be fundamental to safety, the real question is how to promote safe thinking. The worker must know that his Foreman is a believer in Safety, the foreman must know that his Superintendent is a believer and so on up the line to the highest executive of the Company. By the superiors setting the example and cooperating with the Safety Engineer, it is possible to educate the individual worker to proper thinking of the possible danger. IT CAN BE DONE.

# Strength - - Safety Service

Established in 1871—the First National Bank has been handling the banking business of Bloomington and Monroe county for more than a half century.

"A Steady, Consistent growth in keeping with the progress of Bloomington.

A record of Safety and Satisfactory Service to thousands of customers.

Every Service and Accommodation in keeping with good banking and sound business principles offered at all times.

Close supervision by the United States National Banking Department to assure safety and proper investment of funds.

We solicit your business on the strength of our record.

# First National Bank

**4 Per Cent Interest on Savings and Certificates**

# History Indiana Oolitic Limestone

## "The Nation's Building Stone"

THE STORY of Oolitic Limesone begins with the ancient structures of Europe, widens and deepens in scope entering into this magical 20th century age with a prominence that places it in the first rank of all building stones of the entire world.

The Oolite has left its mark in different parts of the world, and oolitic building stone of various grades is taken from the quarries.

The great Cathedrals of the old world, — wonderful in architectural design, massive and durable, that have stood for centuries, the admiration of the world, all built of oolitic limestone. The House of Parliament and St. Paul's Cathedral are made of oolitic limestone from their native quarries. And, it is very noticeable to those familiar with the American continent that our native stone may be seen in almost every city of even 15 to 20 thousand population in the United States. The majority of the state houses in this country are constructed of our stone, and most of the banks are built of it. There can be no finer index to its popularity than the fact that the stone is so universally used throughout the land, coupled with the fact that the output has doubled in the last five years.

How proud may we be, as citizens of Monroe County, that it was left to the wondrous hand of nature, to place right here at our door Oolitic Limestone of the finest quality in the world. We are blessed beyond our conception. "That there is a divinity that shapes our ends, rough hew them though we may," seems apparent.

Every possible test of the various stones of the world accords our Oolitic Limestone a place at the top round —the premier—delux-aristocrat of all building stones—occupying an altitude preeminently its own, as a material worthy a place in the ranking churches, banks, commercial blocks, etc., of the age.

With becoming pride our hills of fabulous hidden wealth bare their bosoms in becoming meekness to their friend of derrick and machine anxious to contribute their part to the development of our country, while the causual wayfarer hurries along unaware that he is gliding over hills worth a thousand dollars an acre.

Great ledges of stone so near the surface that the pioneer plow would scar them, just ready for the steam shovel, electric channeling machines of marvelous speed, derricks of construction and strength to hoist tons, steam drills — all moving in perfect mesh for economic production.

Great mills of massive cranes and machinery for sawing and planing—sawyers, planermen, cutters—draftsmen preparing details from the plans of the architect—putting in condition stones for the builder's use, to take their place in a magnificent structure, without the sound of hammer or mallet, vieing with the cedars of Lebanon and the great blocks of the ancient quarries in their conspiracy to create a house eclipsing in beauty and strength the great temple of him whose wisdom became famous.

The increase in amount of stone quarried, milled and placed on the market has been phenominal. The first car load of stone shipped to Chicago was in the year 1868. There was little demand for the stone until about 1870, when it was recognized as the best stone obtainable. Easily worked, durable and "weathering" without injury. The disintegration of the various stratified stones used at an earlier date for window sills and in the construction of churches and occasionally in banks and stone buildings, was very noticeable and unsatisfactory. The yearly output of oolitic limestone was steadily increased.

The man in the office with his fingers on the pulse of the entire mechanism—from ledge to building—

Those are high spots that illumine the story of stone—but there is a setting of struggle and natural evolution from the crudities of the business, to the present highly developed nicety of fabrication that came through the toil and sweat of the pioneers.

* * * * * * * *

# Fine Ledges Being Developed at New Quarry

## of H. A. Woolery & Son, Adjoining Bloomington

HENRY A. WOOLERY, senior member of one of our most substantial and successful stone firms, is an old timer in the business, and is just now developing new property that promises to be among the most valuable in the district. The land lying just south of the city limits of Bloomington, embraces 510 acres, and is known as the Sudbury tract. It was taken over last season by the Messrs. Woolery, and they have installed ample equipment and are shipping out mighty nice stone.

The plant is just south of the old city water works. As a means of conserving water, they constructed a dam across a ravine on the west side of the property, and now have imponded a lake of about three acres of water, fed by the overflow from the water works springs. The dam is 12 feet high, and substantially constructed of concrete. The lake has an average depth of about six feet, and contains a season's supply, of water, completely obviating any likelihood for scarcity of this very necessary aqueous requirement of quarrying. The large pump at the dam throws an 8 inch stream against mother earth, tearing away the earth

(Continued on page 24)

Only the best and purest foods for the **staunch army** of **workers** of the Indiana Oolitic Limestone Industry.

REASONABLY PRICED

**JACKSON & COPPAGE**

Groceries and Meats

ELLETTSVILLE INDIANA

# SEWARD & CO.

**Bloomington, Indiana**

ESTABLISHED 1821

JOBBERS OF

Mill Supplies, Tools, Industrial Hardware

Pumps, Pneumatic Equipment, Pipe

FOUNDRY AND MACHINE SHOP

BLACKSMITHING, WELDING AND GENERAL MACHINE WORK

**"The Second Hundred Years Are Always The Best"**

# In the Stinesville Limestone Sector

## Indiana Soldiers' and Sailors' Monument of This Super Stone

THE good old town of Stinesville has had its ups and downs from a point of stone industry. For the past few years stone activities here have been at a low ebb, but now new life is being infused in the sector by young blood, and the field is quite promising, with great possibilities for the near future.

It must not be lost sight of that the first stone ever taken out in the Oolitic belt was quarried here. It was here that John Matthews and James Highet first located, working the Big Creek deposit. Later the I. & V. Railway constructed a bridge over white river near Gosport and built a track to the Big Creek property. The late George Bollenbacher and the late Charles C. Dunn, representing various Bloomington parties in the company, worked the place, shipping out considerable amounts of stone. Later the quarry was abandoned and the track taken up.

It was from the Stinesville Sector that the stone for the Terre Haute court house was taken. The late Capt. J. B. Line quarried the stone west of Stinesville, hauled it with a six-horse team to the mill at Stinesville on the Monon siding, sawed the stone and sent it to Terre Haute. The court house stands as a monument to the the high grade of Stinesville stone.

The late William Cline, father of Minter Cline, pioneer stone operator of Bloomington, had an extra heavy wagon built, on which he hauled this stone.

But that community has a greater monument as an index to the quality of the Stinesville product. The stone for the great Soldiers and Sailors Monument at Indianapolis, Indiana, was taken from the bosom of the earth adjoining Stinesville, by the late Capt. Line, who changed his operations from the west to the east of the town.

The Eppenhausen, Williams, Hoadley, Thornton, Blevins, and other properties were at one time active, paying concerns. After the burning of the large Hoadley mill, and the death of John Hoadley, Sr., and his son Albert, the surviving member Burt G., moved to Bloomington and built the Great Tribune mill and furnished the stone for the Tribune Tower at Chicago.

But the high quality of the Stinesville stone has attracted new blood to the field. Mr. Swensen, of Champaign, Illinois, opened a quarry four years ago and built a mill. He has large yards at Champaign and other Illinois towns, and all this season has had his plant going day and night.

Mr. Alexander King, who has a good mill and cutting yard at Bloomington, bought the Harris land two years ago and has a quarry in operation. Later he expects to put in ample equipment and develop the place on large lines.

A short distance east of the King quarry, is the plant of the Indianapolis Oolitic Stone Co., one of the most promising properties in the Oolitic belt. The late John Easton, with his brother Millard, and others, had visions of a great quarry on the Ashbaugh land, and opened the place. Later Messrs. Zeigler, Webb and Miligan of Indianapolis, took the property over.

Mr. Andrew Zeigler, President.

Mr. Clifford H. Webb, Vice-President.

Mr. Frank Miligan, Treasurer.

The quarry and mill are located on the highest hill in the neighborhood, and the quarrying operations the past two years have uncovered and developed fine ledges of four cuts of that regulation Stinesville super quality stone. For fineness of texture and bleaching qualities to an even attractive white nothing in the entire Oolitic belt has it beaten. The company is well financed and is becoming prominent in the cut stone field.

The mill, erected of steel and glass is good sized with gangs, planers, and cutting yard, and the firm has plenty of work at fair prices. Mr. Liibs, the superintendent, is a young man of high voltage. He has the hearty cooperation of his men, all of whom are alive to the fact that maximum production is a feature that must be kept in mind to meet interest, depreciation and a big payroll.

* * * * * * * *

# B. G. Hoadley Quarries, Inc.---John Hoadley & Sons

LAST year B. G. Hoadley Quarries, Inc. opened north of Bloomington, closely adjoining the city limits. The cores from the land showed great depth and unbroken ledges, and with his usual energy directed by a thorough knowledge of the business Mr. Hoadley pushed the installation of equipment, and within a few weeks from date of opening a new system of derricks was necessary to take care of the stacking yard. Beautiful blocks of No. 1 buff were stacked high and dry, just ready for a switch to move them to the main line of the Monon to take their journey to the mills of the four parts of the earth.

The siding—no delays on that. At great expense this feature of the equipment materialized almost in a night. Through the cooperation of Mr. Johnson, president of the Bloomington Limestone Co., an extension of their siding was constructed to the quarry, and the close of the season witnessed fair sized block orders going out. A mill site was secured from the Bloomington Limestone Company, and Messrs. Hoadley began the erection of a modern mill.

The quarry and mill are going concerns, developing a clientele among the mills and cut stone plants of the country, and Mr. Hoadley, president of the company, expresses the hope that before many moons the general business of the country will settle

(Continued on Page 70.)

A PHARMACIST must know everything from highly skilled compounding of a vital prescription to the best brand of lipstick. Not only is he required to be a graduate of a university or college but must have practical experience. We have four registered pharmacists as well as experienced assistants. In your buying of drugs and sundries come to the men who know how.

# Wiles Drug Company

*"THE KODAK STORE"*

— *PHONES* **2411 - 5050** —

# CHARACTER

Furniture has character just as definitely as an individual. There is a definite integrity in good furniture—integrity of design—craftsmanship and material, whether they be wood, metal or fabric. All these combine to make character. Furniture may be made to look good and as though it possessed character—yet be unsound. But in service the genuine is quickly identified. It pays to buy good furniture, which is the only kind you will find here. So after all, prices are no higher for the good than for the worthless.

## Why Take a Chance

Buy furniture that you know has a good reputation. Why except some thing made by a firm you never heard of, when for the same money you can buy furniture of a National Reputation.

WE ARE EXCLUSIVE DEALERS FOR

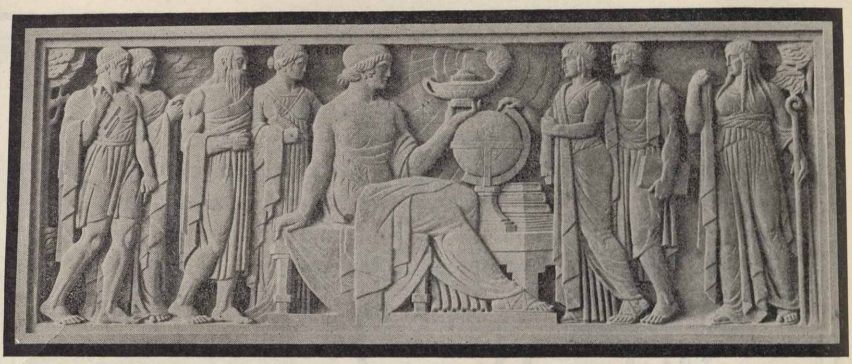
*Sellers Kitchen Cabinets, Quick Meal Gas Stoves, Perfection Oil Stoves, Automatic Refrigerators, Simmons Beds, Mattresses and Springs, Kroehler Living Room Furniture, Karpen Living Room Furniture.*

# BLOOMINGTON FURNITURE CO.

H. D. Carpenter, Proprietor

Opposite Post Office

Dial 4661



## Panel in High School Building at Rochester, New York from the Monon Stone Company

THE Monon Stone Company has just completed final shipments to Rochester, New York, on their contract on the Benjamin Franklin Junior-Senior High School job. The Benjamin Franklin Junior-Senior is the largest school building at Rochester, and when completed is to cost $4,000,000. It is located on a plot of ground about four blocks square. The perimeter is 2000 feet, and the magnitude and beauty of this school building are the source of great pride to the city, and one of the best advertisements in the east of Indiana Oolitic Limestone.

The stone for the job was furnished from the quarry and mill of The Monon Company at a cut stone contract price of $100,000.00. Gorden & Kaelber, of Rochester, were the architects.

The above beautiful panel was one of twenty that entered in the building. The carving was done by Bruner & Donato, of Bloomington, and shows skillful handling.

On the corner of Meridian and 38th streets, Indianapolis, is another splendid piece of work by the Monon Company, the North Methodist Episcopal Church. Both the exterior and interior of this building was done by this company. Architect Charles H. Hopson, Atlanta, Ga. The general contract was done by Leslie Colvin, of Indianapolis, who has done several good jobs at Bloomington.

At present the Monon Company is working on a group of five buildings for the State Teachers College at Buffalo, N. Y.

Mr. Samuel G. Fagan is vice-president and general manager of the Monon, and is ably assisted by his brother Howard S., in keeping any suspected leaks properly chinked, and earning the efficient and cordial co-operation of the men in the plants.

* * * * * * * *

## Fine Ledges Being Developed at New Quarry

(Continued from page 20)

and loose stones, practically leaving the ledge ready for the channeling machines.

The stripping at this new property is light, and a fine depth of good solid ledges are shown. A man at our elbow suggests that the Master Oolite has put in some of his best licks here; his product lying well preserved for ages, to be developed by one of the finest and most deserving men in the land.

One bright day recently Mr. Woolery, with his wonted encouraging smile and quiet demeaner, greeted our reporter at the plant, with the observation that he had been trying out the lake with hook and line, having stocked the water with minnows last year. He pointed with pride to some nice "gogelies" in the well tub, and suggested we might try our luck, being careful not to break the laws regulating the sport.

At the Woolery mill, farther south, our reporter ran up against Ralph Woolery, a chip off the old block, for good humor and all business. He did not know much "news," but gave us the information that although matters are not going at a break-neck speed, the firm has enough work to keep them fairly busy this season.

The company is just now completing a good sized job at Columbus, Ohio, the Liberal Arts building for the St. Mary's of the Springs Academy, and also a fine order of stone for the Dormitory and Chapel for the same school.

The finishing touches of the Liberal Arts building are just now being made, by the carving of two figures representing Saint Dominic and Saint Thomas Aquinas to be placed at approaches to the building.

The carving was done by Graf & McIlveen, of Bloomington.

We are boosters for Indiana Oolitic Limstone and
have great faith in its future

# ROTRUCK'S

# CAFE

210 North Walnut Street
BLOOMINGTON

- - - Headquarters for - - -

## Employes in Stone Industry

## MEET THE BOYS HERE

Best and Freshest the market affords

Prepared Right

# The A. J. Thompson Cut Stone Plant

## MRS. HAZEL THOMPSON, Manager

THE story of Mrs. Hazel Thompson, manager of the A. J. Thompson Stone Company, is very interesting, and exemplifies the idea that the 20th century woman is as capable, and often times excels her brother in the management of commercial enterprises.

Around two thousand years ago the Man of Gallilee, gave the stamp of approval on woman, recognizing her purity, graces and possibilities, and to her credit she has not made the Great Man, if as Josephus says, it be lawful to call Him a Man, the victim of misplaced confidence, but rather has developed as a great social and business ally. Previous to the above dating, woman was yoked up as the bearer of burdens, but her great love and sympathy gave her life and entity, and her development has given her a place in the world as a leading citizen.

Our Business Women's Clubs are recognized commercial forces, and in many departments of business women are leaders. In the Stone Industry, right here at home, we have the only woman in the world conducting a Cut Stone plant—Mrs. Hazel Thompson.

When A. J. Thompson, husband of Mrs. Hazel Thompson, was called by death, August 22, 1922, his cut stone business was left without mast or rudder. Never was there a better example that "Necessity is the mother of Invention," than here demonstrated when Mrs. Thompson grasped the wheel. The business was going successful. It must not stop. The men, who had helped to build up the business, were entitled to their pay checks. The support and education of her two children was at stake. With the courage to carry on, displaying the fortitude and iron of a heroine, Mrs. Thompson assumed control.

Before her marriage, Mrs. Thomp-

PLANT OF A. J. THOMPSON STONE COMPANY

List of Employees—Top Row: 1—Charley Deckard, 2—Ralph Lee, 3—Burt Halstead, 4—Fred Lee, 5—L. D. Haverly, 6—Allie Cruise, 7—Earl Buchanan, 8—Fred Baugh, 9—Eph Constable, 10—Ed Doughitt. Lower Row: 1—J. N. Stimson, 2—Court Welch, 3—Ruth Gardner, 4—Mrs. Hazel Thompson, 5—Elmer Litten, 6—Claude Morgan, 7—Minor Taylor, 8—Frank Ellett, 9—William Fiscus, 10—Lee Litten, 11—Charley May, 12—John Welch, 13—Ervin Easton.

INDIANA STATE LIBRARY

son had devoted several years, very successfully, to school teaching. She had graduated from Indiana University with honors. Endowed with an abundance of good, practical common sense—a gift from pioneer ancestry who had braved the hardships incident to early conditions—Mrs. Thompson entered upon her new duties prayerfully and determinedly, and she has won.

First she studied drafting as a means of better insight to the business. She knew bookkeeping. Her knowledge of human nature gained in the school room came in good play. If she could handle boys successfully in the school room, the problem of handling men in the mill was half won. Cautiously she felt her way. By the help of successful superintendents and foremen she readily assimilated details, and with the large list of customers on the books, her husband had won by prompt, careful service, the business has gone on successfully. The new phases of business resultant from yearly developments have been met by Mrs. Thompson with the grasp of an experienced executive, and to her credit may it be said that she is meeting the keen competition in the industry; has a season's work on the books, and contemplates enlarging her plant in the near future.

With one lone brave woman in the world conducting a cut stone plant, and she our neighbor, we all deeply express our respect for her, and our pride in her successful cut stone plant.

* * * * *

## Courses In Air Theory Opened In Chicago

Responding to the air-minedness of Chicago's school children, complete courses in the mechanics and theory of airplanes have been started in Chicago's technical high schools it is revealed.

Aeronautical instruction in the Chicago schools has been encouraged by the Guggenheim Fund for the Promotion of Aeronautics. More than twenty teachers, under the supervision of Albert G. Bauersfeld, directors of high school technical work, are training youth in elementary airplane mechanics, design, and theory of flight.

Future Lindberghs and designers of the next decade's aerial transports are being taught rudiments of meteorology, avigation, radio and ground work. No attempts to instruct in actual flying will be made by the schools, but many of the students contemplate flying instruction later.

* * * * *

## Asphalt Solves a Problem

The problem of constructing secondary highways at a low cost, is being solved by the use of asphaltic surfaces.

Extensive tests have shown that this type of road is dependable, easily and cheaply laid and maintained, and that it will out-wear many more costly surfaces.

Hard surfaced market roads are becoming an agricultural necessity. The demand is for more low cost paved highways in districts where traffic is comparatively light and where only asphaltic materials meet the peculiar requirements.

Our present state highway systems are unequaled. But there remain hundreds of thousands of miles of secondary roads which must have an economical water proof surface to develop the back country and relieve congestion on main highways.

**Harding & Cogswell**

ELLETTSVILLE, INDIANA

**Cut Stone Contractors**

INDIANA OOLITIC LIMESTONE

# Shop Notes, Derrick, Ledge, Drafting Room, Etc.

## BOWMAN MILL SAFETY PICTURE

On Page 54 will be found the picture of the Bowman Mill Safety Committee. By an oversight we failed on that Page to name the mill where the picture was taken.

## Woolery Mill

It is quite seldom that we find a condition such as exists at the mill of H. A. Woolery & Son. They have seven sets of brothers on their payroll. Here is the list:

Cornie Boruff and Harley Boruff.

Harry Williams and Burl Williams.

J. H. May and Walter May.

Ollie Burks and son, and Wilburn Burks.

L. L. Jones and Everett Jones.

Lynn Binkley and William Binkley.

Charlie, Robert and Ralph Woolery.

Matthew Carpenter, draftsman, is back at his post. During a slack time Matthew was "loaned" to the Bloomington Limestone Company, who were pressed for extra help.

Ezra Mercer, engineer, has been with the firm 15 years, and has only missed one day in that time.

Henry Foster, the blacksmith, is a fixture of the mill, and pounds iron with the usual vigor of the "village blacksmith," of poetical fame.

* * * * *

## Hoadley Mill

Roy Hawblitzel has returned to work after an illness of several weeks.

Mr. and Mrs. John Hamilton, Jr., announce the birth of a baby daughter, Jacquline.

Morton Still, blacksmith helper, after suffering one whole night from emery dust in his eye, has arrived at the conclusion that the wearing of goggles, which are furnished by the company, is the best method of keeping dust out of the eyes.

The Hoadley ticket room has added two charming young ladies to its personnel, Mrs. John MacMillan, Jr., and Miss Winning, sister to Mrs. David Hunter.

## Tribune Drafting Room

By W. B. Allen

Byron Shawver after a long successful period with the Indiana Limestone Company, has accepted a position with the Shawnee Stone Company.

Leo Kimmitt started on his vacation, Monday.

Edward Carr is keeping the Tribune office all excited about the progress of his new son.

Glen Treon has been transfered to the Bedford office.

Wayne Swango, after nearly three months in bed, is able to be out again but has no plans as to when he will start back to work.

Chester Carter, of the Tribune drafting room, intimates that his bunch is about the best looking in the district. It is probable the camera will have to be brought into play at the different drafting rooms to reach a definite conclusion.

* * * * *

It sounds mighty good to hear the channelers at the Perry Stone Company clanking away night and day now. Splendid index to what the entire field may expect in the near future—going full tilt 24 hours, and no time for repairs. The Perry buff is pointed to generally as a standard grade for comparison.

* * * * *

Arthur Hibberd, 195 Melita Street, Toronto, Canada, is erecting a new mill and adding a traveler and new diamond saw.

The Alexander King Stone Company is just now completing their contract on the De LaSalle College, at Washington, District of Columbia. This was a fair sized job, and proved very satisfactory during the fabrication and shipments. Mr. King says he has figured a large number of jobs, and booked sufficient orders to keep the plant moving along quite well. He is optimistic regarding the stone business of the future, and expects the first of July to see night runs all along the line popular.

* * * * *

One of the best advertisements of our stone to strangers who are auto-ing along Highway 46 is the big stacking yard of B. G. Hoadley Quarrier, Inc. The yard shows plainly from the Highway, and especially at night, as the company is quarrying in day and night shifts. The white lights from the Interstate produces a glow that suggests the luxurious brown stone fronts on Fifth Avenue, New York.

* * * * *

## Turned a 130 Foot Cut

On a recent visit to the Maple Hill quarry our reporter had the pleasure of seeing 130 foot cut turned and not a flaw to be detected. The cut was ten feet deep by 6 feet and 2 inches wide, and contained enough stone to build a good sized house. The derrick used on this floor is the largest in the belt—115 feet in height, with a 100 foot beam. Superintendent

(Continued on Page 57)

**To Our Friends in The Quarries and Mills**

If you want a Gas or Oil Stove the DANGLER is the best on the market.

The Kitchen Cook Gasoline Stove

Is one of the most satisfactory stoves made—
We sell these stoves on Guarantee.
If you want to paint your home we have Acme Quality Paints—
reliable and reasonable in price.

*Hardware, tools, etc., screens.*
*A Full Line of Harness.*

**JAMES D. JORDAN**

119 S. Walnut Street — Bloomington, Indiana
Phone 3786

# PERRY STONE COMPANY

**Ellettsville ∴ Indiana**

Block, Sawed and Finished

INDIANA OOLITIC LIMESTONE

*The* NATION'S BUILDING STONE

MEMBER OF INDIANA LIMESTONE QUARRYMEN'S ASSOCIATION

# Bloomington High School Cut Stone Plant

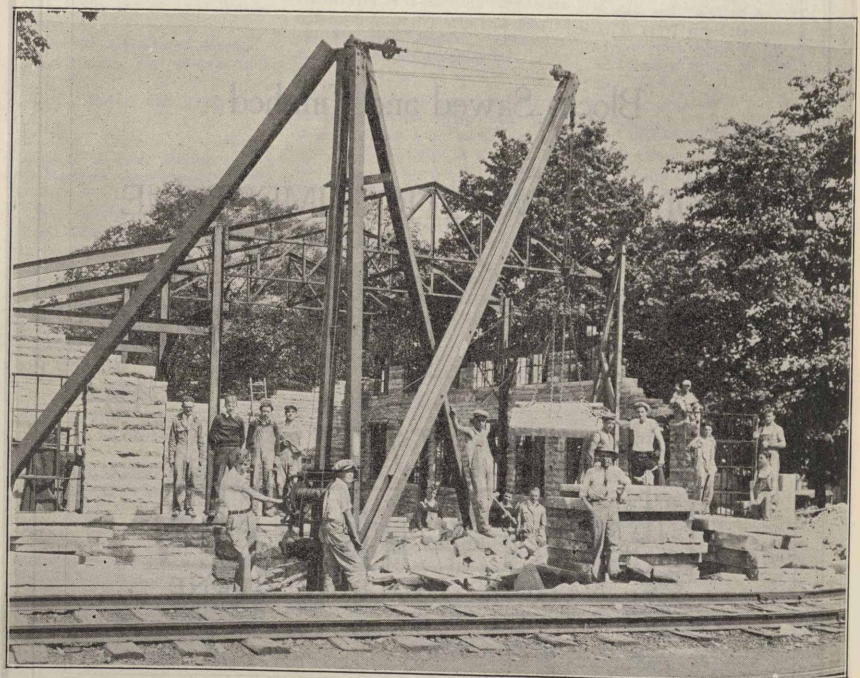
By EARL L. MURRAY, Instructor

THE stone course in the Bloomington High School was organized six years ago. It found its origin in the needs of the industry and the desire of Superintendent R. N. Tirey to have the school do every thing possible to equip the Bloomington boys for life's work. Many boys were quitting school and going into the mills, creating a situation unsatisfactory both to the mill-owners and school authorities. The industry needed boys with more education, and the school authorities felt they were not meeting their greatest opportunity if they could not offer a program justifying the boys in remaining in high school until they graduated.

As a result of this situation, courses in stone work and drafting were organized. In this program, the stone people were intensely interested. They realized that the Bloomington boy would not only be helped, but that it would bring to the mills more capable and better prepared apprentices. Consequently, they supported the program generously, by giving the school, a planer, lathe, many small tools, a number of models and all the stone required for the work. That this spirit of helpfulness was not just a temporary and sudden outburst of liberality is shown in their consistent policy of helpfulness throughout these six years.

The course having been determined and the equipment secured, the school authorities in cooperation with the stone people, began to seek an instructor from among the employees in the local mills. It was no easy task to find a tradesman, fitted in temperament, initiative and knowledge of the trade, who could organize and carry on this pioneer work. From those considered Mr. Earl L. Murray at that time a foreman in Matthews Brothers mill was chosen. The wisdom of the choice can best be determined by the success Mr. Murray has achieved in his work, as instructor. Students desiring to enter the stone classes are always greater in number than can be hand-

(Continued on Page 32)



MAURICE ROGERS
HARRY HAINEY
RUSSELL PARKS

LAWRENCE HUDSON
PAUL SKIPWORTH
LLOYD PORTER
RALPH BUTCHER

LUTHER THRASHER
EDGAR ADAMS
LEON BINKLEY
EARL MURRAY, INSTRUCTOR

EARL DUNLAP
CLEOTIS ROBISON
CURTIS RUSH

DWIGHT PAFFORD
OMAN EAST
DALE STONE

# FRANK BURNS

216 W. 6th Street Bloomington, Indiana

HAS A VERY COMPLETE LINE OF

## Furniture, Stoves and Rugs

New and Used

AND IS IN A POSITION TO MAKE YOU

## Rock Bottom Prices and Easy Terms

Bed Room and Living Room Suites, Lamps, Tables, Rockers
Chairs, odd pieces, etc.

OUR PRICES WILL TELL THE STORY. COME SEE.

# Headquarters for Paints, Wall Paper and Drugs

We carry a complete line of *Rogers Paints, Varnishes* and *Lacquers.*

**Special** — High Grade Mixed Paint, Regular Price $2.50, Special Price $2.19

Before buying wall paper let us show you the most complete and most attractive line of wall paper in Bloomington at prices that will surprise you.

Visit Our Soda Fountain Where We Give You Service and Quality.

## Carter & O'Haver

Cut Rate Drug Store

South Side Square Bloomington, Indiana

# Bloomington High School Cut Stone Plant

(Continued from Page 30)

led. Of those who have taken the Vocational Courses (4 periods per day), a large per cent of them are making good in the mills, while a few have risen to positions of responsibility.

The demands for the course grew so rapidly on the part of the student body, more room, and larger machinery became a necessity. Out of this situation the plans for the erection of a stone mill by the vocational boys developed. Of course from the time the idea developed to the first shovel of dirt removed for the laying of the foundation, many difficult details were worked out. Those shall be passed over, for the lack of space. However, the mill was started late in the spring of 1927, work was continued through part of the summer, (the boys receiving regular credit for the summer's work), and into the fall until cold weather began. The same program was followed the next year, 1928. Mr. Murray expects to have it ready for use this fall of 1929. It may seem the building has progressed slowly, but we must remember that it is a project being constructed by boys who cannot work the entire day for they have other school subjects to occupy their time and attention. Another factor that is causing apparent delay is due to the fact that Mr. Murray is not only trying to build a stone mill, but is teaching boys how to do stone work at the same time.

The mill is a structure 50 ft.x90 ft. one story except for a 20ft.x40ft. drafting room on the east end. All the first floor is devoted to machinery except a 20ft.x40ft. room set apart for an office and class work. There will be ample space for the addition of needed new units of machinery, and to meet the demands of increased enrollment for years to come.

A discussion of this building should not fail to mention the fine spirit of public service shown by the mill owners and operators in this community, for they have backed the project to the extent of making the school a present of all the stone necessary for the structure. Nor should we forget the Seward Foundry and Machine Company of Bloomington, and Bedford Foundry and Machine Company of Bedford, Indiana, who were instrumental in furnishing the steel at a minimum figure. Such generous expressions of true public spirit on the part of our industrial leaders renews our confidence in the integrity and idealism of our fellowman, in every sphere of life.

The mills contributing material for the building so far are:

Shawnee Stone Company, one car load.

Hoadley-Cline Company, one car load.

Victor Oolitic Stone Company, one car load.

Hoadley-Sare Company, three car loads.

Indiana Limestone Company, two car loads.

Indiana Quarries, one car load.

Matthews Stone Company, one car load.

Bloomington Limestone Company, one car load.

Indian Hill Stone Company—Mr. Hagan, one car load.

If plans carry, Mr. Murray expects to have the building ready for occupancy this fall. This will usher in a new era for the stone work in the Bloomington High School. It will not only mean such an expansion of courses that will make possible the training of the boys in nearly every phase of the work carried on in the regular stone mills, but will afford the leaders in the limestone industry the opportunity of realizing their ambition of making the stone course in the Bloomington High School second to none anywhere, by assisting in equipping the new mill with the needed units of new machinery.

In the life of a school such a project as this is epochal. It represents more than a stone mill. Within it are wrapped up, the hopes, ideals and ambition of a group of boys. Into it went their labor, their skill, their intelligence, and their soul. In the years to come the boys who aided in the erection of this structure will have a loyalty for Bloomington High School, that was not aroused in a moment of frenzy but from hours of hard labor, care and thought. To other boys this building may be only a stone mill, but to these boys of which they are a part, it will be a shrine.

To Mr. Earl L. Murray who guided these boys in planning and constructing this building; to Ralph N. Tirey, Superintendent of Schools who with the School Board approved the undertaking; and to our business men who measured up to such a high standard of public service by giving so generously and liberally; go the thanks and appreciation of the whole community for making it possible for their boys to prepare themselves better for life's work.

* * * * *

**INDIANA OOLITIC LIMESTONE CO.**

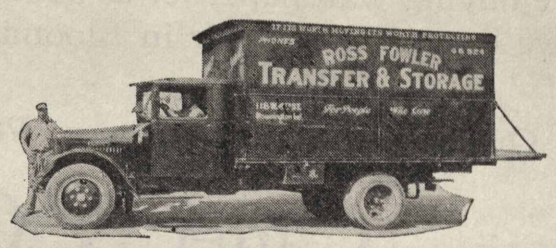
It is very interesting to know that the Indiana Oolitic Limestone Company is steadily increasing the scope of its operations. Recently this Company has opened a new quarry in the Hunter Valley district, which will greatly increase its production of block stone.

Rapid progress has been made in the development of this quarry and it is now practically ready to start actual production. It is splendidly equipped with the very best machinery and is supervised by one of the foremost quarrymen of the Limestone District, B. P. Crowe, the President of the Indiana Oolitic Limestone Company.

Phone 6305 Night 3931

BEST FACILITIES FOR MOVING FINE FURNITURE AND PIANOS

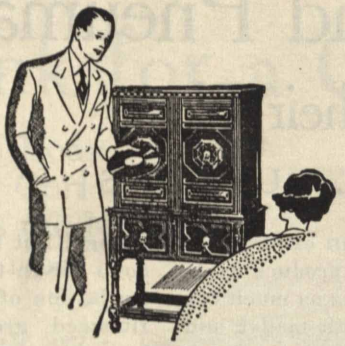
CRATING PACKING




FREIGHT BAGGAGE

Ross Fowler Transfer and Storage

312 South Washington — New Harris Building



"WE LIKE both radio and recorded music. Each fills a particular musical want. When we saw this new Victor instrument —Model Nine-sixteen I believe they call it—we decided right then and there that it was just the thing we had been trying to find for years. Its musical performance leaves nothing to be desired. And its appearance adds a lot to the room. . . ."

We have all of these new Victor instruments on display at our store. If you haven't seen and heard them, you've missed a real musical experience. Come in and let us demonstrate. Easy payments.

**We've always wanted an Instrument *like This***

**ED. WILLIAMS, Music and Jewelry Store**

EAST SIDE OF SQUARE ∵ ∵ BLOOMINGTON, INDIANA

*for Economical Transportation*

CHEVROLET

# COLLEGE AVENUE MOTOR and SALES CO.

INCORPORATED

Chevrolet Sales and Service

Genuine Chevrolet Parts

**DIAL 4855**

415 NORTH COLLEGE AVE. BLOOMINGTON, IND.

# The Mallet, Chisel and Pneumatic Tool

## Both Have Their Place

[BY ONE OF THE CUTTERS]

ABOUT every body knows that Solomon built a temple. It has been said that back in those balmy days—when Uncle Sol was putting up said temple—the stone cutter was almost the "whole cheese" possibly seven-eights of the cheese in the stone industry. Anyhow Solomon was the "pivot man" and his eighth of the "cheese" was very effective—even though he had no other tools than the mallet and chisel to offer the stone cutter, to cut stone for his little temple.

The mallet and chisel being the only available tools for the fabrication of cut stone, they have been, for centuries, important factors in the building industry. The finest buildings in the world stand as witnesses for the mallet and chisel—in the hands of a skilled mechanic.

The most astounding thing to most of us, is the sudden change in the tools for the fashioning of cut stone. Just a short time ago, back in 1910 or about that, nothing but the mallet and chisel were used for cutting stone throughout the entire stone belt. Suddenly, after centuries of full sway for mallet and chisel, compressed air and the pneumatic tool is placed in the hands of the stone cutter to use instead of the mallet and chisel. It is claimed that an expert with a pneumatic tool can produce from about two to three times as much cut stone as the expert with mallet and chisel. That claim may be correct, but it is open to question. On fairly heavy cutting the pneumatic tool will have to go some to keep out of the way of an expert mallet and chisel manipulator. Not so very long ago a big Scotchman from Canada came to the stone belt. He did not know how to use a pneumatic tool, therefore he was permitted to use mallet and chisel. Well—the man who worked along side of that Scotchman several days, on the same class of work, decided that he too didn't know how to use a pneumatic tool, at least he never knew before that an air-hammer was no faster than a mallet and chisel. So it goes, on certain classes of work, fairly heavy work, the pneumatic tool is over estimated, but on delicate lines, tracings, cleaning surfaces, etc., and moulding and carving, the "air hammer" is a wonderful stride forward. There are some places hard to get at with mallet and chisel but with the "air hammer" it's simple and easy. Most of the old time "mallet men" who are now using the "air-hammer" are very well satisfied, while there are quite a few who would go back to the mallet and chisel and enjoy the change. But the mallet and chisel are done for in the stone belt. The centralization of the stone industry—influenced greatly by the planer, brought a great change in the stone business. Nobody knows this better than the man who used to cut stone with the mallet and chisel—going from place to place, where the stone for some court house, school building or state house was being cut "on the ground." Yet, the change to the stone cutter brings with it advantages. The more centralized the stone industry, the more centralized the stone cutter. In other words he becomes located and can use his time building a home instead of traveling from one town to another lug'n a big "tool chest" which "would be rifled by and by."

In one sense the stone cutter, through the merging and centralization of the stone industry, becomes automatically a little "merger" within himself, for his entire interest can now be applied to his home, his entire thought be merged into one, viz: attention to his home instead of running over the country from job to job. Since the stone industry has finally landed—centralized—it's dead easy to scan over the past and figure it out. The condition of the stone cutter was never better than it is now.

* * * * * * * *

# Cutters Strike Satisfactorily Settled at Toronto, Canada

## News Notes of the Mills

### Union With 110 Members Reaches Agreement--Signs Pact

Toronto, May 20—A settlement of the stone cutters' strike, involving some 110 members of the striking Stone Cutters' union, was reached this afternoon in the course of a meeting between delegates of the employers organization and the committee appointed by the union to negotiate for an agreement.

Terms of the new agreement show that both the employers and the men have yielded ground, insofar as the men insisted on the 40-hour week and a raise but now were satisfied with the raise and the 44-hour week. In the two-year agreement now consummated the hourly wage is raised from $1.12 1-2 to $1.20 for the first year, while the second year will bring the men another five cents increase per hour.

### Toronto Notes

Scott Brothers, 38 McGee Street, are extending their mill 104 feet and will add one more traveler and new machinery.

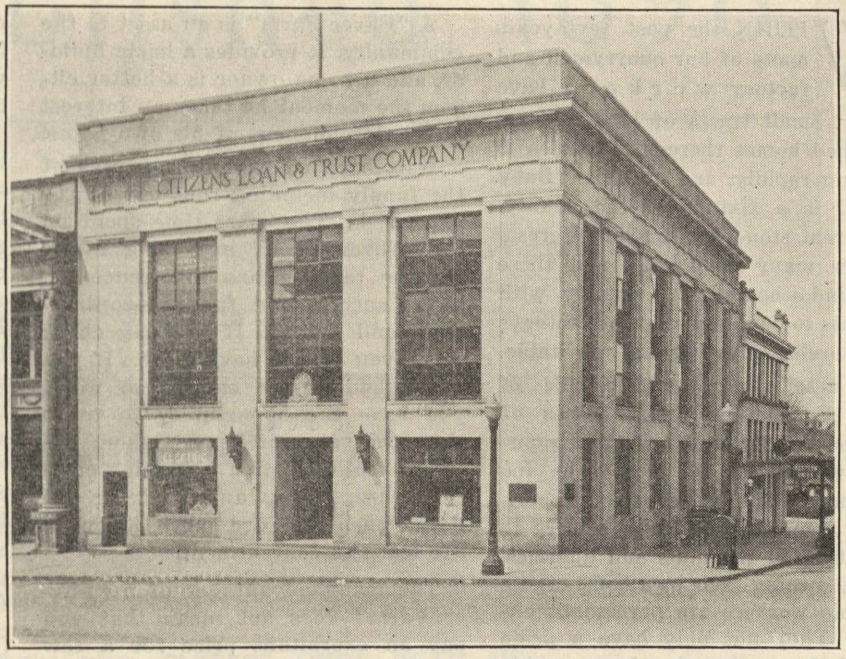
Nicholson and Curtis, of 1117 Younge Street, have purchased a new site at Leeside near the Durant Motors, and are erecting a new mill with two travelers.

Mr. Geo. Ritchie, father of George and Charles, of the Ritchie Cut Stone Company, Hamilton, Ontario, died at the age of 81 years. Funeral was May 8th.

# A Bank for a Great Community

The Citizens Loan and Trust Company with its modern, fire-proof building and vaults directly serves 5,000 customers, a typical cross-section of Bloomington.

The Trust Company grows with the growth of its community and its services and facilities increase with the developing needs of its customers.




## GROWTH

### Bloomington Population

| | |
|---|---|
| 1903 | 7,194 |
| 1908 | 8,360 |
| 1913 | 9,636 |
| 1919 | 10,797 |
| 1924 | 12,000 |
| 1929 | 20,000 |

### The Trust Company Resources

| | |
|---|---|
| 1903 | $ 45,185.03 |
| 1908 | 218,483.00 |
| 1913 | 368,383.00 |
| 1919 | 744,210.84 |
| 1924 | 2,271,742.82 |
| 1929 | 3,159,242.98 |

AN HONOR BANK

| | |
|---|---|
| *Capital* | *$150,000,000* |
| *Surplus* | *$150,000,000* |

## Citizens Loan and Trust Company

THE "FIRE PROOF" BANK

# Our Baby Farms Valuable Accessories

## Hundreds of Them In the County

WITHIN the past few years many of our quarrymen and factory workers have bought small tracts of land and established homes thereon. The idea is growing rapidly, and now the "Baby Farm" is a fixture of the county. Our great stone and timber interests require many employees, and these men find a home in the country, with no rents to pay, and other advantages innumerable, pleasing and profitable.

In associating the hundreds of Baby Farms and small homes of Monroe County with our great quarries, we readily recognize the importance of the relationship. Experienced men are necessary to work to advantage in the mills and quarries, and by owning their own homes these valuable workers are permanent citizens. They not only have a pride in their homes, but they have a pride in their work at the plants, knowing that the success of the plant and their welfare are mutual.

We are strong in promoting the Baby Farms, knowing that the family that lives in their own home is always interested in county and local affairs, schools, etc., and are the back bone of a community.

And the quarry or mill owner who chances his money in the venture, with reasonable perspective, knows that he is doing a great service to his community and to the generations to come.

With the view of promoting the proposition, we present below the views of two prominent, successful business men of Monroe County.

* * * * * * *

### By Roy O. Pike

The Baby Farm idea is a good one. Since the automobile has become a necessity, some way has to be found to meet the expense. The Baby Farm solves the problem and the ordinary person can at least play even. I would call them "Fliver Farms," a place where you could spend your spare time with the garden, the cow, the hog, the chickens, thereby making a living cheaper to offset the expense of the automobile.

A "Fliver Farm" is an asset to the community. It provides a home builder, and a home owner is a better citizen the moment he takes an interest in the development of his own home.

It is hard to pay all expenses of the family including rent out of the pay check. The spare time spent on the "Fliver Farm" in raising things for the table means difference between success and failure—contentment and unrest. If the pay check stops, you always have a job. If you have children old enough to work, you have the opportunity to teach them the value of honest labor.

The real education in getting close to nature, seeing and studying the development of ordinary things in life leads to contentment.

The many advantages of a "Fliver Farm" does not mean that you pay an exorbitant price for a few acres. Two miles from town is not much different from one mile now days. Select good enough dirt that the farm idea can be carried out by being able to raise something. Contentment or profit on a clay knob would sure be hard to obtain. Let the real estate agent sell you the farm, not the advantages.

A "Fliver Farm" without honest labor expended will be a failure. If you are the sleepy kind, the noise in the city is probably better for you.

The "Fliver Farm" is here to stay, and as a means of solving the climbing expense of living it has no equal.

* * * * *

### By George D. Thornton

The "Baby Farm" comprising from one to five acres is proving a boon to the man who wants to get away from the high rents and taxes; who wants his children removed from the contaminating influences of city life; and wants to reduce the high cost of living by raising on his little farm nearly all the things needed for the table.

The "Baby Farm" proposition is so fast growing in popularity that it will no doubt revolutionize home building. Whole communities all over the country are fast being taken up with "Baby Farms" where neighborly feeling and our almost extinct bond of friendship and mutual helpfulness has returned and holds full sway as was so richly enjoyed by our ancestors of half a century ago.

The "Baby Farm" idea has grouped many families within close touch and has opened up new social centers that reaches out and renders aid and sympathy to the poor and afflicted. A close student of sociology by associating with the owners of "Baby Farms" will find that they have a broad and cheerful aspect of life; that thrift and contentment abounds; that the school house is a revered institution and that their lives are consecrated to the upbuilding of the community and to the service of God. Here you will find loyalty and friendship and a high regard for other peoples' rights and property not found in the cities. You will find these communities every where working in harmony and busy doing the little things which make life sweet. These higher ideals of life and contentment enjoyed by the "Baby Farm" communities springs from the advantages derived from the social centers established by them and the fact that life comes much easier to the working man by the benefits enjoyed from the products of his little farm.

But one need not go to the "Baby Farm" expecting a life of ease. "Baby Farms," like children, need lots of attention and care. The more ambition exercised and the more work expended on one of them will bring its reward in the pride of owning a home grown more beautiful and prolific by time and labor.

By proper attention the "Baby Farm" can be made wonderfully productive. One "Baby Farm" of three acres, where one was in cherries and raspberries with currants, goose berries, grapes, horse radish and pie plant set all around the fence produced for the owner last year $427. The house and garden occupied one acre and the third acre was fenced off for the cow and chickens; all making a revenue worth while and old High Cost of Living kicked out the back door.

The beauty of a "Baby Farm" is that a man and wife determined to

(Continued on Page 52)

# Established 1898

Thirty years of Successful Service to the citizens of Monroe County. — If you are in need of Fire and Wind Storm Insurance, Auto, Burglary, Workingmen's Compensation, or Bonds. Before placing your Insurance, avail yourself, of our experienced advice, by talking the matter over with us and we will protect your property and save you money.

We make five year, six per cent Real Estate Mortgage Loans on city property, and accommodation loans on farm property.

## Huntington & Thornton

111 South College Avenue Bloomington, Indiana

# Planing Machines of "Ye Olden Days"

## Plan Suggested to Eliminate Waste

By GEORGE M. MYERS

IN speaking of the dressed stone industry, as compared with conditions forty years ago, the changes are wonderful. As every other industry has witnessed a revolution in methods of production, so also has the stone industry.

In the early day cut stone was considered more an ornamental luxury than a useful building material. It was considered too expensive. At that time we did not know just what methods to apply in production to cheapen the stone, for the reason the different machines needed, had not yet been built and put on the market. Year by year machines have been manufactured and put on the market and now an average day's work on a machine is 35 to 40 cubic feet of stone. Along with the introduction of the improved machines, the planerman has increased his knowledge and is capable of greater production.

While there has been much improvement, yet we are not up to maximum production, per group, and there are various wastes that could and should be eliminated. These various small wastes seem trivial, but in the aggregate they mount up in the run of a season. It requires large experience, from quarry, through the various processes of production, to reach the building, and lack of experience is often a handicap. I may be criticised for assuming that some wastes of time and material could and should be averted. In the early years, crude methods were employed by reason of lack of capital. Some of those methods and traditions may be safely adhered to, but nice discrimination on them will be well.

### THE EARLY STYLE PLANER

The first planers and gang saws that were used were Lincolns, Scovalls, Young & Ferralls, and were very crude; hand hoists and lowers, hand feed, and awful slow and heavy. The belts and shafts were over size, compared with real needs, as demonstrated by present day requirements. The belts were 6, 8, and 10 inches—double what was needed. If I am not mistaken the Young & Ferrall was a Chicago product, and the others were made I think at Rutland, Vermont.

The present up-to-date machines are the New Albany, made by the New Albany Machine Works, and the Bedford, made by the Bedford Machine Works, and the F. R. Patch, made at Rutland, Vermont. These three makes are most in demand, for they have kept step with demand for a better piece of machinery. They are faster and easier and handier of operation, and more than double the production, and power driven every way, and not so expensive. They are driven at a little less than half the horse-power that it took to handle the older planers, and two-thirds less belting width, and less than half the size shafting.

There is as much difference in the planer of the present day and the machines of 35 or 40 years ago, as there is in the locomotives of that day and the present locomotives. Several things could be added to the present machines that would be improvements, but space in this article forbids enlarging on them. In a future article we hope to give our idea of some needed changes.

In a general way, with every effort put forth for safety and cooperation harmony prevails throughout. Cooperation produces harmony, and we all work without strain. To increase efficiency, I believe the management may always consult the men for thoughts on the work from their angle, with good results to both. Most men are timid to give suggestions, but good thoughts may be pumped out of them.

## Utilizing Waste for Small Home Building

With a vision of the use of more stone in small homes, I want to give it as my opinion, that with proper equipment a feature may be added to take care of small waste of sawed and planed stuff, to a good advantage.

In the timber districts the operators bring in the logs, saw them up, prepare a blue print, and cut, and plane, and mark the pieces, and send a house pattern any where, any time, to be erected by any body that can read a blue print.

Here in the stone belt we go to quarry, bring out a car load of blocks saw them up, plane the best of it, and throw away a lot that ought to go into homes. The cost of quarrying, a big item, has been met already, and why waste a portion of the stone that ought to go into garages, and small homes. Just because we've got a lot of it why waste it. That policy exhausted natural gas.

Why not organize a department to take care of this waste. Cheaper labor could be used, and some old men and boys that are idle now, might have employment, and another worth while feature would be a lot of fine advertising for our stone.

Plain and simple, here is what I have in my mind. By the use of carborundums and small diamond saws, get out a house pattern in small four inch waste stuff, stack in a shed, and ship it out on demand. Various sizes and designs could be produced, priced right, and sold—some in the east, others in the west, north or south, and some right at home.

If the timber men can ship house patterns and blue prints all over the country, why can't the stone men do the same trick. Stone beats wood—yes, a little more expensive but not prohibitive.

A beautiful garage pattern could be put on "sticks," and shipped out to the customer. A house pattern in veneer, to be backed up by frame or tile, would be a good seller.

By a department such as I suggest additional labor, additional advertising, and additional service to house builders would result.

Pipe dream—nope—just a vision of what's to come.

* * * * *

Gas was first used in cooking in America in 1859. An expansion began at that time, due to lower rates for the fuel and improved stoves that has continued until the present with increasing momentum. One million gas stoves are now sold annually in the United States alone.

# Charles A. Pike

Lumber and
Building
Material
Company

**"EVERYTHING FOR BUILDING"**

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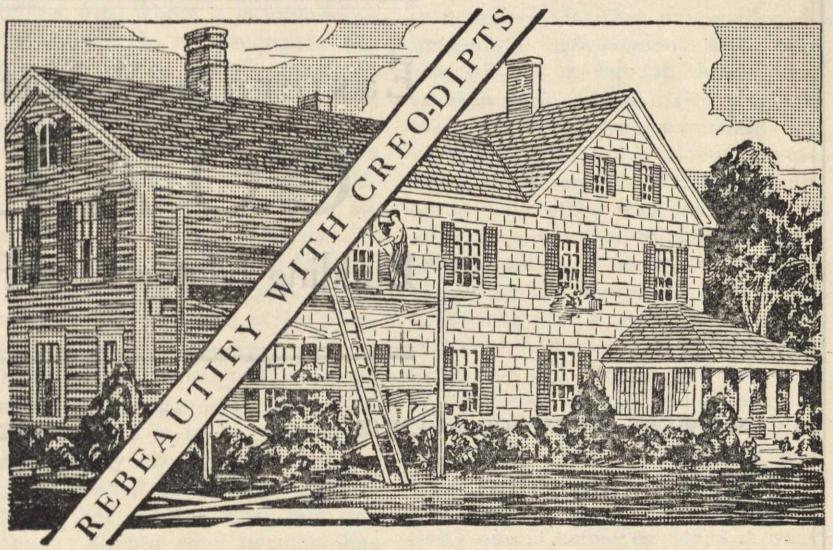
Bloomington, Indiana

Phone 3210

*Save fuel..*




*save paint..*

LAY Creo-Dipt Stained Shingles right over the siding or roof of your present home. You make your house warmer—most owners report fuel savings of 15% to 25% each year. And you save upkeep—because all genuine Creo-Dipts are *stained under pressure*—submerged in heated, agitated stain, while compressed air forces preserving oils and colors into wood pores.

Ordinary shingles are merely *dipped* into stain. Only Creo-Dipts are *pressure-stained*—that is why we recommend and endorse them.

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For the past twenty years has paid 6 per cent on Paid-Up-Stock and savings on running stock earned as follows

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|---|---|---|
| 1 SHARE, | .25 PER WEEK, 75 MONTHS WITH DIVIDENDS | $ 100.00 |
| 2 SHARES, | .50 PER WEEK, 75 MONTHS WITH DIVIDENDS | 200.00 |
| 4 SHARES, | 1.00 PER WEEK, 75 MONTHS WITH DIVIDENDS | 400.00 |
| 8 SHARES, | 2.00 PER WEEK, 75 MONTHS WITH DIVIDENDS | 800.00 |
| 10 SHARES, | 2.50 PER WEEK, 75 MONTHS WITH DIVIDENDS | 1000.00 |
| 12 SHARES, | 3.00 PER WEEK, 75 MONTHS WITH DIVIDENDS | 1200.00 |
| 16 SHARES, | 4.00 PER WEEK, 75 MONTHS WITH DIVIDENDS | 1600.00 |
| 20 SHARES, | 5.00 PER WEEK, 75 MONTHS WITH DIVIDENDS | 2000.00 |
| 30 SHARES, | 7.50 PER WEEK, 75 MONTHS WITH DIVIDENDS | 3000.00 |
| 40 SHARES, | 10.00 PER WEEK, 75 MONTHS WITH DIVIDENDS | 4000.00 |

BUY SHARES to Suit Your Needs — 25c per $100.00 Share.

Organized April 7, 1885 Under State Supervision.

Examined annually by State Building and Loan examiners.

Assets $1,580,000.00

First Mortgage loans on Bloomington property $1,526,500.00

C. A. Barnhill, Secretary

# The Efficient Office and Its Workers

By W. W. DRAYER, Vice President Shawnee Stone Company

THE office is not an enterprise within itself. It is a service rendering institution; it is the main spring which sets in motion the machinery or activities of the industrial or commercial establishment which it serves. In other words an office is incidental and supplementary to the chief operations of a business, yet this must not be construed to mean that it is not of the utmost importance. A successful business demands a well organized and efficient office. An inefficient office can keep the most promising business in hot water and eventually doom it to failure.

Office work of a worth-while institution consists of a mass of details. The smallest details may be of the greatest importance; a transposed figure in a price quotation, an unnecessary delay in replying to a telegram or letters may be appalling in its consequence. A mass of office detail can not be marshalled into orderly, smoothly operating channels unless there be someone in charge, and that someone, the office manager, must so direct affairs and the activities of his various office associates that every detail is handled in a prompt, orderly, efficient and systematic manner.

An efficient office is, therefore, dependent upon a capable office manager. A capable office manager must be alert of mind, that is he should readily grasp a set of circumstances related to him or coming to his attention. He should be a thinker constantly planning as to how the work of his office may best be systematized and simplified, yet performed with a minimum amount of office help. He should so coordinate and direct the duties of his various office associates that they may know from day to day the usual routine of work they are responsible for and must carry out without being continually prompted or directed.

Matters which can not be determined or handled in accordance with policies laid down by the company should be promptly referred to the executive of the company under whose jurisdiction questions of such nature usually are disposed of.

An office manager should not be hasty in becoming provoked with his office associates, neither should those under him hastily come to the conclusion, because the office manager is out of humor or apparently using driving tactics, that he is a domineering fellow with whom it is impossible to get along. He is responsible for getting the office work completed each day; he is responsible to the company for reports, etc., he hears of it first if a customer's business has been neglected, incorrectly entered, wrongly billed, etc., so that all in all many a day passes in which the office manager has been provoked almost to the depths of his soul.

Practically speaking an office manager is as deeply concerned and as vitally interested in the welfare, contentment and progress of his office associates as he is in his own well-being and why shouldn't he be? In a well organized office each worker has his or her routine work laid out for them. Should they become discontented and leave or should it become necessary to ask them to leave, the office manager has lost an important part of his organization. Every office has methods and practices of its own not taught in business schools. Therefore, in case of new help, no matter how capable such help may be, the office manager's cares and worries are added to since he must spend days perhaps weeks in properly schooling new help in the duties to be performed. Rather then does the successful office manager endeavor to create a happy family of his office associates, impressing upon them that it is not a question of merely carrying out those duties to which they have been assigned, but of displaying a willingness to assist in all ways possible to the end that closing time witnesses the day's office work completed, the manager as well as his associates free to leave for the day with nothing undone.

So much for the office manager, his methods, systems, etc. Let us turn to the office workers. They, in a large measure, to use the vernacular, are the makers of their own beds. Carlessness and stupidity, and this sometimes happens with the most capable, brings down upon them the wrath of the office manager or the officials of the company. We all make mistakes but there is the excusable mistake and the mistake that is inexcusable. To be repeatedly told of the latter should be an impressive reminder that one's services are unsatisfactory and that unless there is immediate improvement some one else will be on the job. Aside from careless and stupid office workers, there are those, who, assuming they were employed for a given purpose only, decline or are reluctant to help out in any other way than in their own particular line of work. Emergencies arise in every office and happy is the manager, who when faced with such a situation is assured that each and every one of his office associates will pitch in and help out, be it putting up and sealing circular letters, getting out reports, changing the office layout or what not, and after all it is not a matter of what one does best or what particular activity one is employed for, but what can best be done to advance the interests of the company, and it is workers of this happy attitude that step to the top the quickest, also get the largest pay check.

Everyone has occasion from time to time to go into an office of some kind and beyond question everyone who reads these lines has at some time or other gone into an office, where from lack of courtesy on the part of such office staff one would have felt as comfortable in a morgue. On the other hand you have experienced just the opposite. You have found a clerk politely inquiring as to whom you wished to see or what could be done for you and as promptly seeing to it that your desires were complied with. It requires no explanation here as to the opinion you formed of the office in which you experienced a business like courtesy; what you thought of the other establishment is perhaps best left to imagination. Courtesy like a smile costs nothing. It is an asset to your company, it makes a friend for you, and friends as a rule are largely instrumental in helping you to the top.

The writer at one time observed in an executive's office a memorandum pad at the top of which was printed "don't say it, write it." This is indeed splendid advice. We all like to train

(Continued on Page 42)

# Young Men Enter Architectural Schools

By RAYMOND FUSON, Architect

THE number of young men entering first-class architectural schools is increasing every year. Some attend the architectural school attached to a state university while others are able in addition to get into large cities and work in the atelier of architects who have had the high privilege of studying abroad. Some fortunate ones are able to add to their scholastic training in the United States a course of from one to three years in France and Italy.

American schools of architecture are rapidly taking high rank; it is not necessary that men should go abroad to study this profession. Study abroad may be likened to the dessert that follows a well planned meal. It gives breadth and a touch of something that is very hard to define but which less fortunate men recognize whenever they come in contact with the traveled architectural student. Many hundreds of young men who have, after some preliminary study of drafting, entered the offices of architects and building contractors in small and medium sized cities, envy the more fortunate ones.

It is possible, through the extreme generosity of spirit of men fortunate enough to have had the fine dessert, to study for themselves under the guidance of these men, and, in time, produce work that will satisfy in a large measure their longings and enable them to feel that drafting, after all, is something more than the preparation of working drawings for contractors.

The principal part of a draftsman's work, after all, is the preparation of drawings by means of which buildings may be erected according to the specifications of the architect and the satisfaction of the owner. These drawings may be classed, and they are classed as mechanical. They are made with the aid of every instrument that the draftsman knows how to use and they can be measured with scales. There is a great deal to this mechanical and geometrical drawing and several good books have been produced containing everything that the average draftsman will need in his work.

"Comes a day" when the draftsman feels the urge to become a principal assistant in the office of his employer, with the goal in view of an office of his own. It is at this juncture that he will appreciate one or more of the good books on Architectural Design, based on analysis of elements.

After all, while drafting and designing are rated very highly, Mr. Philip Hubert Frohman, architect in charge of the new cathedral at Washington, D. C., recently said in a statement that was published by the American institute of Architects: "I hold that an architect cannot become a full master of his profession as a fine art unless he is a master builder. To obtain this grasp he must be able to grasp and use builder's tools. An important part of an architect's brain remains undeveloped unless he has used the trowel, the square, the plumb, the level, the saw, the plane, the chisel, the guage, the forge, the anvil and the lathe.

It would appear from what Mr. Frohman says, and he is not the only architect who speaks in this manner, that the best way to learn architecture would be first to learn some of the trades connected with building; training in drafting and design coming as a finishing course. Young men in small and medium sized cities who have advanced from a job on building construction to a position as draftsman in a builder's office should with the aid of some good books, be in a fine way to mount to any heights they may desire in architecture and building.

* * * * *

## The Efficient Office

(Continued from Page 41)

and trust to our memories, but too often something comes up to detract our thoughts, and as a result important messages or instructions to others are overlooked. The sure, safe and most efficient way is to follow the motto—"don't say it, write it."

With loyalty, courtesy, application and a capable manager, there is no reason why any office can not house a happy business family, and a happy family pulling together with the interests of the company at heart means progress and success of the business and in turn contentment, progress and success for the office workers.

* * * * *

"Does your father keep the Ten Commandments?" asked the Sunday school teacher.

"I'm not sure," replied little Mary, "but I'm afraid it's about all he can do to keep up with the traffic regulations."

* * * * *

The United States has only two species of native eagles, the bald and golden varieties.

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HAVE JUST ANNOUNCED A NEW FOOT AND INCH MACHINE WITH DIRECT SUBSTRACTION

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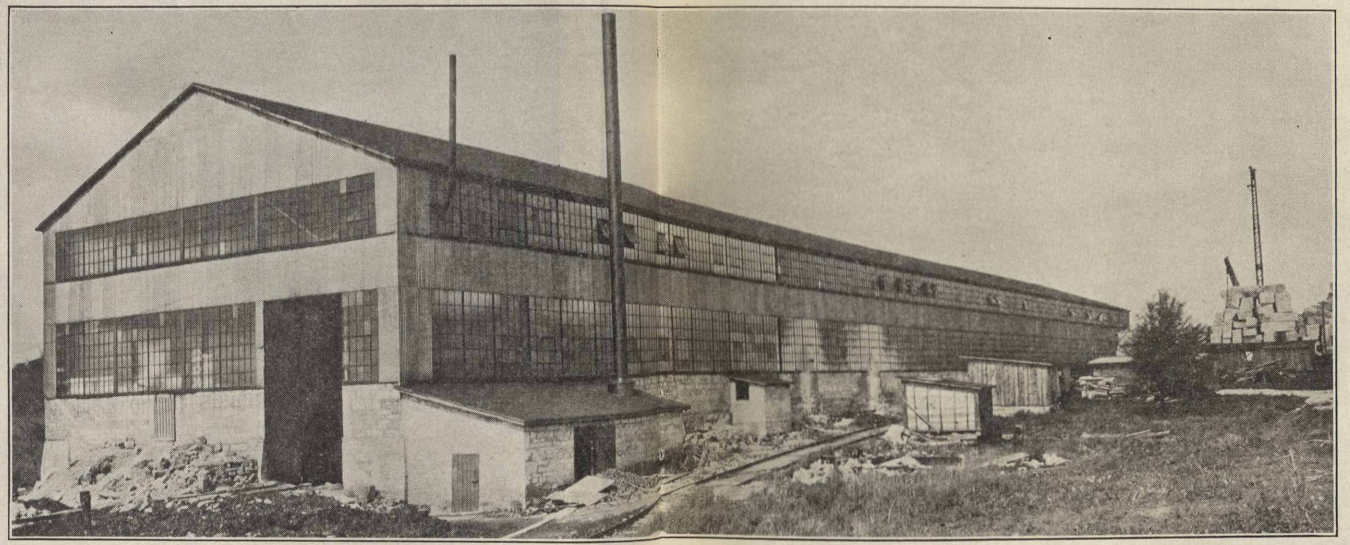
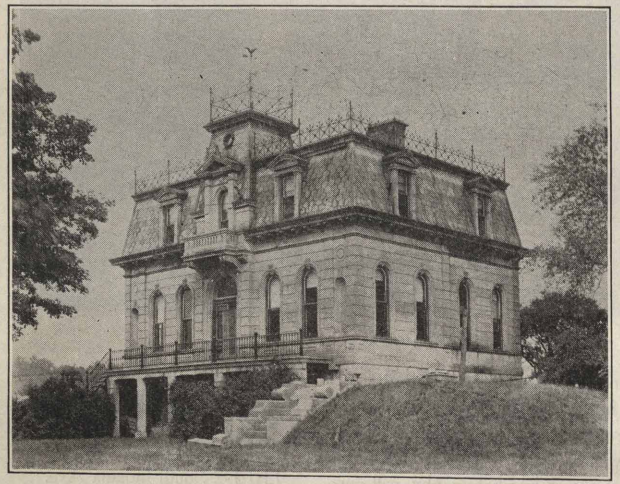


VIEW SHOWING MILL AND CUT STONE PLANT

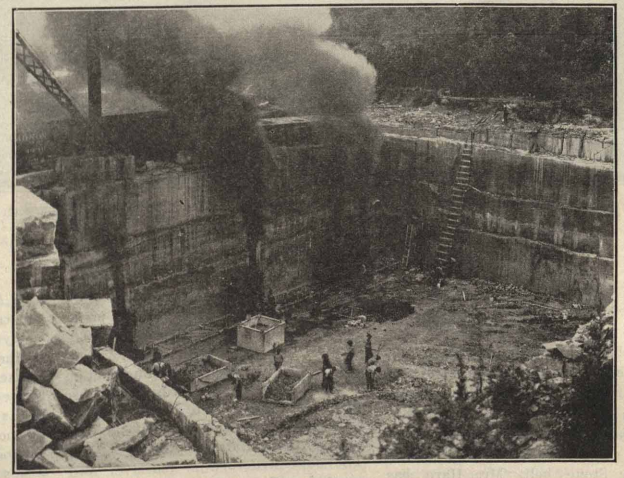
Member
International
Cut Stone Contractors
and Quarrymen's
Association



GENERAL OFFICES

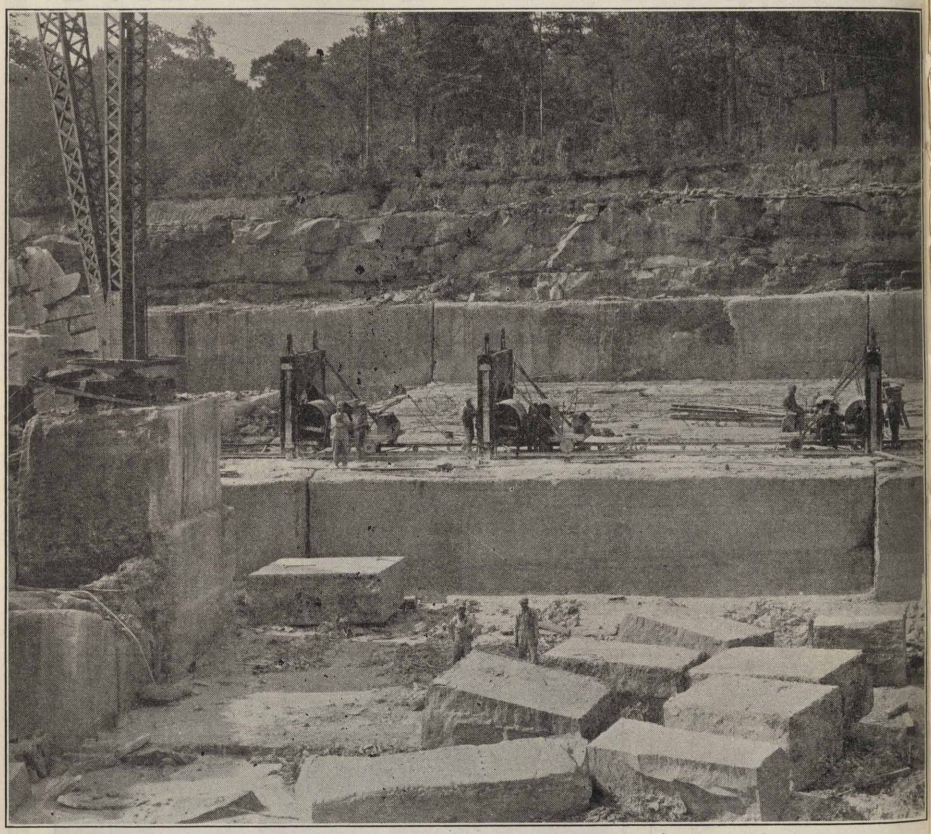
## QUARRYMEN

## CUT STONE CONTRACTORS



VIEW OF QUARRY

# Maple Hills Quarry - - Property of Bloomington Limestone



NAMES OF MEN AT THE MACHINES—ORA WOODEN, FLOYD TODD, SANT CUNDIFF, CECIL EADS, JAMES TODD, SAMUEL BAUMONT, Superintendent; NAMES OF MEN ON LEDGE BELOW— FRED TAYLOR, NEFF KING, Foreman; T. FENDER, Master Mechanic H. HELLENBURG,

## The Splendid Hare Motor Sales Building

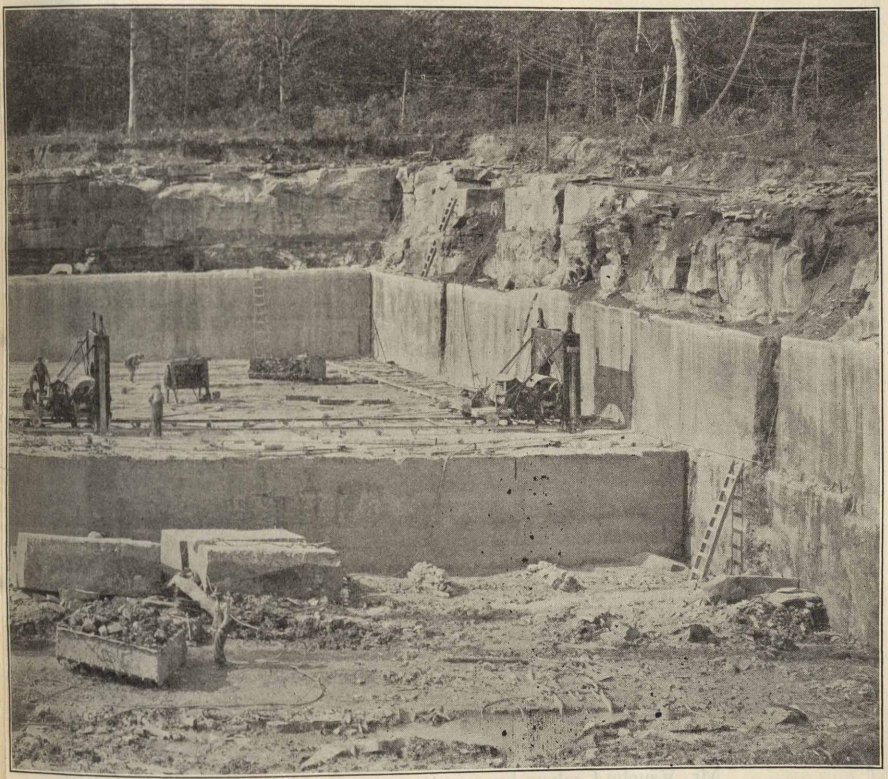
THE Hare Motor Sales building, corner of College Avenue and Fourth streets, Bloomington, stands as a splendid advertisement for Indiana Oolitic Limestone. Located right here in the heart of the Oolitic Stone belt, Mr. Hare has shown his loyalty to the stone industry by having his magnificent building constructed of the Nation's building stone, and has won the friendship and approval of the stone men.

The building has a frontage of 62 feet on College Avenue and 72 feet on Fourth Street. It is constructed of steel, backed with tile and concrete, and faced with stone. Facing College Avenue the building is two story, with rentals above and below. The superstructure is massive, and erected with a view to supporting several additional stories to accommodate future requirements. At the rear of the two story section on College Avenue is a large parking roof, constructed of concrete and supported by extra heavy beams.

The department facing Fourth St., is used as salesrooms and offices of the company, and is very complete in its arrangement. The interior is in thorough harmony with the super line of cars handled—the Hudson, Essex, Packard and De Soto.

The frontage on both College and Fourth is done in cut stone by the Bloomington Limestone Co. The design is very attractive and the handi-

# Company - - One of the Exceptionally Productive Quarries



PAUL STEPHENSON, B. HELLENBURG, ROY SALYARDS, ROBERT WAMPLER, RUSSELL HANCOCK, BOB BRENT, HAROLD FENDER, MARCUS ROGERS, JOHN BEACH, JOHN PUETT, JASON CHAMBERS,

work shows a high type of craftsmanship.

One of the rooms fronting on College is occupied by Fee & Fee, insurance and building association, and Frank J. Dunn, attorney. The upper rooms are used as offices by the Aetna Insurance Company, who own a large acreage of land in Monroe County, and are preparing to farm the land by scientific methods.

By the construction of this splendid building a valuable asset has been added to Bloomington, and the stone men and the public generally extend congratulations to Mr. Hare.

* * * * *

## Derrick and Ledge

The Reed-Powers Company, which has heretofore operated on a large scale at Numbers 17 and 18 at Victor, have recently turned their energies to the development of the Ridge quarry, on the Bloomington-Ellettsville road. They bought this property a few years ago from Frank Ridge and developed it far enough to know that they had good ledges of buff. The property remained dormant for a few years, while they produced in the Victor field. They are now getting out a fine grade of buff from a ledge of 51 feet, 36 feet of it buff, and the prospects are flattering for a paying quarry. Frank Ridge, who has been with the company seven years is superintendent.

* * * * *

In spite of the fox's cunning, his skin is often sold.

One of Bloomington's Newer Homes

executed in Indiana Limestone

Designed and Planned for
Mr. Vaughn Graham by

RAYMOND FUSON

ARCHITECT

205 KRESGE BUILDING
BLOOMINGTON : INDIANA

# The Monon Railway

appreciating that the prosperity of Lawrence, Monroe and Owen Counties Depends largely on the

## Prompt Delivery of the Quarry Products

Maintains the best type of engines and cars, in charge of competent, careful men---who by instinct and training are boosters for

## Indiana Oolitic Limestone

and that by virtue of its importance

## It Has Undisputed Right of Way

# The Industrial Club of Monroe County

## An Organization of Limestone Executives

THE Monroe Industrial Club is an organization little known outside of the Limestone Industry. Originally it was not a club at all; merely a number of foreman and department heads meeting once a month as the guests of the Bedford Stone Club at a banquet. The purpose of these meetings was to improve the relationship between the operators and their executives as well as to make a study of the Limestone industry. The meetings were very successful and have resulted in the formation of one of the finest little organizations in the community.

In about October 1925, through some agency unknown to the writer, propaganda began to be spread in the direction of the organizing of the Bedford Stone Club's guests into a Club, which would not only continue the work begun but which would be self sustaining and become a part of the Country's social life. The Club was accordingly formed during the same month with the purpose in mind to improve its members not only as workers in the stone business but as men generally. The original purpose of the Club being more or less of a selfish nature, it was but a very short time until the minds of the members turned to a different phase of its possibilities. Through the efforts of W. A. French and others, prominent in the activities of the Club, charitable work was begun. Since that time many cases of distress in the County have been relieved through the efforts of the Monroe Industrial Club, without any assistance from the local charitable institutions. This work has been done very quietly and it is the desire of the Club's Committee on Charity that no publicity be given the cases to which we refer.

To return to the subject of the personnel of the Club, it has grown to include nearly every foreman and department head in the County, who is employed by a Company engaged in the Limestone business. Their contact with each other in the Club is far different from any other that they may have, all barriers being dropped in the meetings and plain friendly speech prevailing.

Practically all of the meetings are devoted entirely to business and are closed except to invited guests. The business, to which the meetings are devoted consists largely of the discussion of various difficult problems encountered in the fabrication of Indiana Limestone and of questions arising as a result of the work of the Committee on Charity.

The Club has very seldom paid any attention to the matter of entertainment, the members feeling perfectly satisfied to continue with work without recreations.

Eventually, however the need for entertainment grew to the point that it seemed necessary to demonstrate that the Club had some thoughts aside from work. A Committee on Entertainment was appointed at the March meeting to arrange for a party for the members and their ladies. On April 10th, a very elaborate party was held at the Graham Hotel, featuring a splendid banquet and various sorts of entertainment. All the guests and members enjoyed themselves thoroughly and hope that the club will arrive at a similar decision at least once or twice a year.

We feel that this little club is doing splendid work and wish not only to commend it but also to introduce it to the citizenry of Monroe County.

## Indiana Weekly Industrial Review

May 15, 1929

West Lafayette—New high school building will be erected here this summer.

Boonville—Plans being formulated for erection of Masonic Temple in this city.

New Albany Veneering Company extensively enlarged to care for future business; 100 additional men added to force of employes.

Plans under consideration for erection of new school building in Park Row district of Anderson.

Plans completed for erection of new city building in Portland.

Crothersville — Construction of school building completed.

* * * * *

### Fussy

An elderly lady walked into a railroad ticket office in Toronto and asked for a ticket to New York.

"Do you wish to go by Buffalo?" asked the ticket agent.

"Certainly not!" she replied; "by train, if you please!"

Men should be made to take vacations—so they won't get the idea that they're indispensable.

If we have a sense of responsibility the world will keep us in harness as long as we live.

**P. K. Hutchison Monument Works**

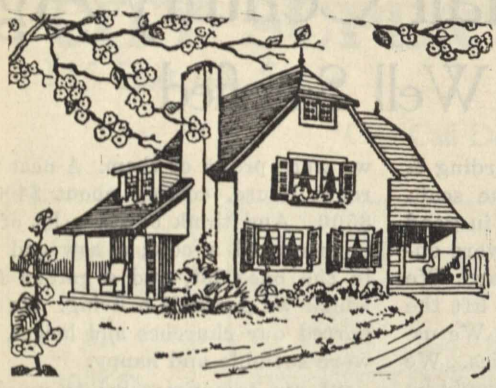
South End Walnut Street — Bloomington

**All Granites** **All Sizes**

Buy Now for Immediate Erection

PHONE 4670

FORMERLY THE CLEAR CREEK MONUMENT COMPANY



# Own Your Home

A Deed is Better than Rent

It is Easy when you think it over

## Our Plan Offers the Solution

We have helped many others to be the happy owners of good homes.

COME IN AND LET US TALK IT OVER

Many folks who annually stared "moving day", are thankful that our building plan placed a good home in their hands.

WE CARRY A LARGE STOCK OF QUALITY BUILDING MATERIAL

HIGH CLASS MILL WORK

## Hughes Brothers Company

219 W. 4th Street Bloomington, Ind. Phone 6115

*EVERYTHING IN BUILDING MATERIAL*

# The Old Scabblers of Half Century Ago

## One-Forty Per Day and Well Satisfied

WHEN the "Old Timers" get together and begin to reminisce about stone affairs of ye olden days, in comparison with present conditions, they are brought up to a stage of wonder—absolutely stunned at the revolutionary changes from those days.

A few days ago we met our old friend Marion Taylor, of Bloomington, one of the pioneer "scabblers" of monumental bases. Referring to those by-gone days, with a fine smile over his visage, Marion said:

"Every time I see these autos taking the men back and forth to the quarries and mills, I am led to think back with tender feeling of the old scabbling yard of Uncle Johnny Matthews & Sons. Back in those days making bases for the tombstone men of the country was one of the main features of the business.

"Right about where the Harding & Cogswell mill stands, was the scabbling yard. Most of the time in good weather forty to fifty of us were engaged in scabbling on this yard. We had a horse power derrick to lift the blocks, and turn large bases. We usually worked in pairs—buddies. We frequently raced to see who would be ready to 'turn' first.

"I tell, you, Bill," continued our old friend, "I don't know but them days were about as interesting and good as they are to-day. The regulation wages was $1.40 a day of 10 hours—14 cents an hour, and we were glad to get it. Looking at it from the present standpoint, I don't know how we did it, but most of us supported big families, and built a house to live in.

"Of course our houses were not five or six thousand bungalows, but they were good and comfortable and we were proud of them. A neat four room house, costing about $400 to $500. And think of it—a lot of the boys owned a cow; a sow and pigs in the back lot, and a garden from which we got half a living. We supported our churches and lodges, and were sociable and happy.

"I am sometimes led to wonder," continued Mr. Taylor, "whether the boys in the game now fully appreciate their jobs. They work eight hours, and get four or five times as much pay as we did. I am glad to see 'em doing so well, and hope they are giving good service to the operators who have built up such a wonderful business.

"But most of those old scabblers are gone," said Mr. Taylor rather sadly. "Among the bunch was Scott Moore, Billy Struit, Simp Sharp, Russell McManis, Bill Davenport, William Hanna."

* * * * * * * *

## Oil Conservation Planned

It is now believed that if the conservation plans formulated by the oil industry are to be successful, it must be through a compact of the oil producing states.

This has been suggested by the Federal Oil Conservation Board and work in this direction has been started by the American Petroleum Institute.

The over-production problem has resulted in the most outstanding economic and industrial problem of recent years. Distinguished executives and statesmen, the American Bar Association, other independent organizations, President Hoover and the general public all endorse conservation plans. But anti-trust laws are an insurmountable barrier to federal sanction of cooperative action to control production.

Consequently, unless a new interpretation is given the anti-trust laws, or they are revised to meet specific conditions, the oil industry is dependent on the individual states to control waste. As the first move, it has been proposed to call a meeting of the Governors of Texas, Oklahoma and California to discuss an oil compact.

It is to be hoped that something tangible will result. The over-production menace has been growing for some years. This waste of an invaluable natural resource is not only detrimental to the industry, but opposed to the public interest.

* * * * *

## Building For the Future

The 1929 telephone construction program is the largest in history, according to an official announcement which says:

"The Bell system is building so as not only to be ready but to encourage the public to the wider use of the constantly improving telephone service. The population is growing, the desire of the people for comfort and efficiency is growing, and that means a rapid growth in the utilization of the telephone . . . The use of long distance service which makes the whole United States one business community within easy, instantaneous reach, has become an important factor in merchandising, in control of inventories and generally in the more efficient distribution which has so beneficially affected business during the past few years.

"In the home, as well, a radical change is coming over the use of the telephone.

"Where one telephone in the house used to be considered adequate, people are now putting in extensions so they can talk with comfort and convenience from almost any part of the house . . . Women are acquiring the conveniences at home that office forces have.

"This growing utilization of telephone facilities both in business and in the home naturally means more telephone plant."

* * * * *

## Baby Farm Valuable

(Continued from Page 36)

get ahead and willing to work and practice self denial and rigid economy can reach their goal within a short time and pay for a "Baby Farm," thus attaining independence long before realizing they have accomplished so much.

Not only will the "Baby Farm" furnish a sure means of an easier living but you will find as the country gets more thickly populated the "Baby Farm" settlement will become more and more a strong factor for good aid to the upbuilding of American character.

# CITY SUPER SERVICE COMPANY

115 East 6th Street ∴ ∴ Bloomington, Indiana

"One Call Does It All" PHONE 4545

Battery Service, all makes

Tires Changed or Repaired

24 Hour Service

All Hours, Day or Night

**Goodrich Silvertown Tires, Gas, Oils**

Just Pull Into Our Great Super Service Station Any Time —— We Never Sleep

# THE EMPIRE STONE CO.

## New Power Plant Just Completed

*Foundations — Engine — Generator*

*Switchboard, Wires and Cables*

*Installed by*

# EVANS ELECTRIC CO.

## ENGINEERS

C. A. Evans, Licensed Electrical Engineer

# Use of Safety Appliances Nation Wide

## Fewer Accidents In Stone Belt

A GREAT effort all over the Nation is now being put forth to safeguard traffic, pedestrians, school children and workers of all classes in commercial and factory lines. In our stone district the number of accidents is being gradually reduced, and the interest in safety is growing rapidly.

Quarries and Mills will in every way possible encourage on broad lines work which is now being pushed so vigorously by Mr. Hatfield, Mr. French, and the various quarry and mill committees. We realize that this safety movement is far reaching, and the thoughts will be carried from the quarries and mills into the homes by the men, and future generations will think and act safety by instinct and tradition.

On this page, and pages following will be found detailed reports of meetings with pictures of some of the committees.

## Clear Creek Mill

Name of Mill, Indiana Limestone Company, Clear Creek Mill; Location, Bloomington, Indiana; Date of Meeting, May 8, 1929; Date of Previous Meeting, April 10, 1929; Names of Committee Members: John Forney, Elmer Crane, Lloyd Rogers, Byron Deckard, Paris Wright, Chas. Thrasher, Harley Wright, Grover Linthicum, Thos. Clark, Cletus Nikirk, C. S. Walls, W. A. French.

32 Suggestion was made to clean up every mess made by the individual.

35 Instructions were issued to take out all keys in the gangs that chip or break and not try to use them again.

38 An order was issued as a standing order to keep all bad places in tramway repaired.

40 Suggestion was made to install a dummy telephone from the Clear Creek mill to the Crown Quarry to be used in case of emergency.

41 Order new style backups for gangs.

47 Remove junk heap from path to blacksmith shop at Crown Quarry.

48 Suggestion was made that all of us try to do as little unnecessary yelling on the job as possible. Also never throw anything at your fellow workman to draw his attention as it might strike him in the eye or glance and strike another.

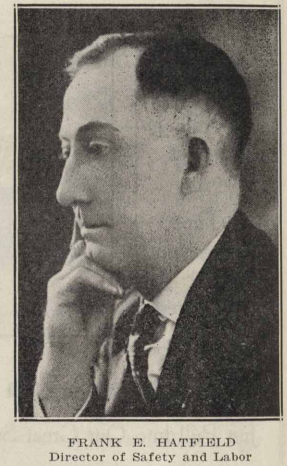
Meeting adjourned at 11:30 A. M.

## Adams Quarry

May 14, 1929

Those present were: Henry Siscoe, Joe Palmer, Ira Voyles, T. W. Legge, Glen Teague.

The minutes of the previous meeting were read and approved. Points numbers 26, 27, and 29 were carried over until next meeting.



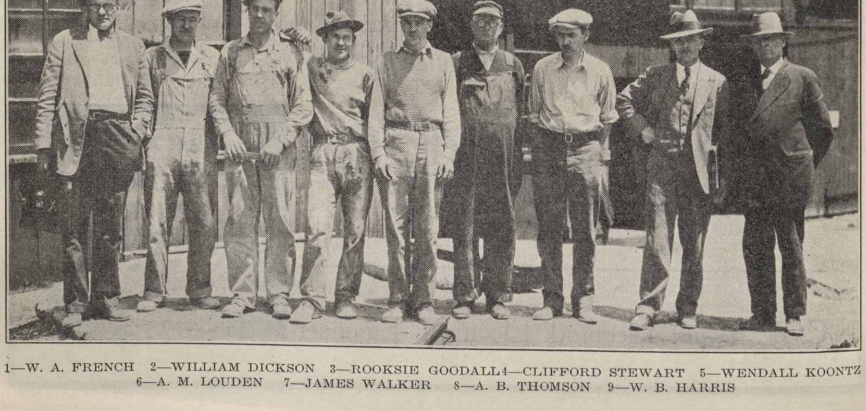
FRANK E. HATFIELD
Director of Safety and Labor
Indiana Limestone Co.

Point No. 31, purchase of ratchet brake on electric shovel, has been received and is now in use.

Posters that Mr. French brought down have all been tacked up where the men can see them.

Mr. French states that the ledges at Adams Quarry are all in nice shape and there does not seem to be any thing that should be done.

Meeting adjourned at 11:00 A. M.



1—W. A. FRENCH 2—WILLIAM DICKSON 3—ROOKSIE GOODALL 4—CLIFFORD STEWART 5—WENDALL KOONTZ
6—A. M. LOUDEN 7—JAMES WALKER 8—A. B. THOMSON 9—W. B. HARRIS

THE BLOOMINGTON NATIONAL BANK · BLOOMINGTON, IND.

Include a Savings
Account In Your Safety
First Program

The
BLOOMINGTON
NATIONAL BANK

MEMBER
FEDERAL RESERVE
SYSTEM

# Picture of the Hoadley Mill Safety Committee

1—GLENN SHIELDS 2—W. A. FRENCH 3—FRANK RICE 4—FRANK IKERD 5—RAY STALCUP
6—GEORGE MYERS 7—W. B. HARRIS 8—H. V. SKEEL 9—LANCE KELL

## Vernia Mill Report

Name of Mill, Vernia Mill; Location, Hunters, Indiana; Date of This Meeting, May 20, 1929; Date of Previous Meeting, April 15, 1929; Members present this meeting: W. O. Bean, Henry Bruner, Ira Meadows, Wm. Turner, Sherman Helms, Chas. Ritter, Fred Hill, Glen Eads, D. Nicholson, John Syra, S. M. Harris, W. A. French, Foster Kern.

Minutes of previous meeting read and approved.

New Suggestions

No. 34—Suggestion by Fred Hill that lights be put up in Crescent Shop over emery wheel.

No. 35—Suggestion by Wm. Turner that lights be put up over line shaft in Vernia Mill.

No. 36—Suggestion by Sherman Helms that foot of Derrick on No. 3 Stack be repaired, referred to R. B. Child, also that new dog chain be supplied for Stack No. 5, carried out.

Discussion by W. A. French on Health Conditions at different plants.

Discussion by W. A. French on Accident Frequency in Monroe County as compared to Lawrence County.

Discussion by W. A. French on Safety Work and Cooperation with Safety Committee.

Discussion by W. A. French on wearing goggles.

Discussion by W. A. French on First Aid Treatment.

Discussion by W. A. French on careless rushing to leave mills and on horseplay.

No. 37—Suggestion by R. Child that Stop Button be placed on motor at Vernia Mill to stop motor in case of emergency without going near the motor.

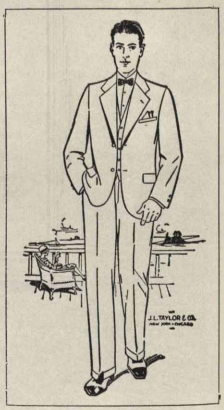
* * * * *

Good service brings its reward.

Suit and Extra Trousers

$28.75

Made-to-Measure



Cleaning Pressing

RYORS'

111 East 5th Street Bloomington, Indiana

# Shop Notes, Derrick, Ledge, Drafting Room

(Continued from Page 28)

Samuel Baumont turned with a broad smile and remarked to Foreman Neff King, "She's a dinger," and it was easy to read in the mind of the old quarryman that everything was going smoothly—and he was well pleased.

"It is no trouble at all," said Mr. Baumont, "to get out any dimension required from these ledges." Since April 1st around 250,000 cubic feet have been quarried at the Maple Hill, and the quality is of that pleasing, even buff, that is so easily worked and such a favorite with the trade.

* * * * *

Ruxy Goodall, Jr., apprentice planerman, at the Bowman Mill, has as his buddy and instructor, J. E. Freeman. Ruxy expresses gratification at being under the instructions of a man whose record as a planerman stands very high.

* * * * *

Charles Franzman, Bloomington Limestone Company who has a splendid article in this number of Quarries & Mills, has been in the drafting room for 23 years and all these years has been a close student of the subject.

* * * * *

The Bowman Mill boys speak very highly of Mr. Luther Guinn, who was transfered May 15th from the Consolidated Mill in the Hunter Valley, to the Bowman Mill. at Bloomington.

* * * * *

## Indian Hill Cut Stone Plant

The Indiana Hill Cut Stone plant is making final shipments on a big War Memorial job at Ithica, N. Y. This is an elaborate gothic job, the first shipments being made last November. The company is also just completing a fine university job at Easton, Pennsylvania.

They are starting on a group of buildings for a state hospital at Manteno, Illinois, and have recently entered on their books two large jobs. One at Philadelphia and the other at Portland, Maine. The Philadelphia job is an Osteopath College and Hospital, and the Portland, Maine, contract is for a beautiful gothic Catholic church.

The Indian Hill is a regular bee hive of industry, and going smoothly under the superintendency of Charley McHenry. Mr. McHenry was superintendent of the B. G. Hoadley mill—now the Tribune mill, property of Indiana Limestone Company—where the Tribune Tower was fabricated. Mr. McHenry tells us the Indian Hill Company has enough work to keep them busy the rest of the year.

* * * * *

## Victor Oolitic Company

You have heard a lot about the Victor Oolitic Company. Well, the story has not been overdrawn. They sure have a real quarry, and one of the most productive mills in the district.

The Victor Oolitic Company embraces 2300 acres of land, and was taken over almost half a century ago by Mr. Mike Edgeworth. As Mr. Edgeworth is far seeing—considered "long headed," as it were—it is not overdrawing the matter to "suspect"

(Continued on Page 60)

**HOOSIER HARDWARE CO.**

NORTH SIDE SQUARE

Bloomington, Indiana

**Sherwin-Williams Paints and Varnishes**

A PAINT FOR EVERY PURPOSE

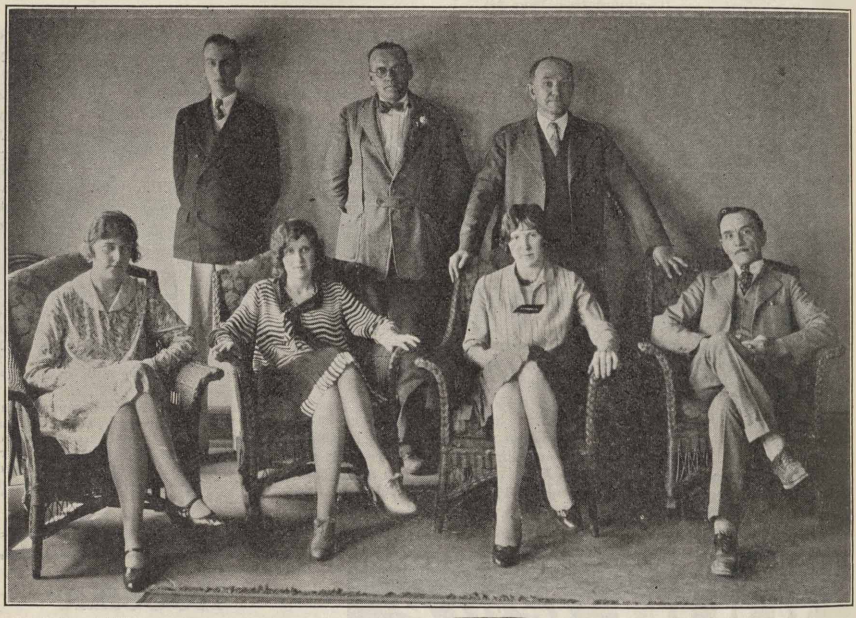
ECLIPSE AND PHILADELPHIA LAWNMOWERS

MAYTAG ALUMINUM WASHERS

Exclusive Dealers for Monroe County

Garden Tools
Garden Hose
General Hardware

# Office Force of Indiana Limestone Company, Bloomington



SITTING—WANDA BROWN NELLIE VANBUSKIRK DOROTHY CREED A. B. THOMSON
STANDING—ORVILLE FULLER W. A. FRENCH A. A. NEU

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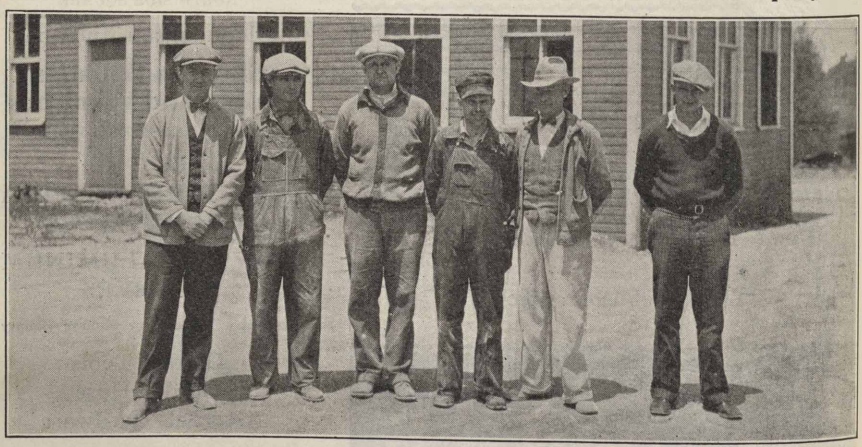
# Safety Committee at McDoel Mill, Indiana Limestone Company



1—JOHN MORTON 2—WESLEY GOLDEN 3—CLARENCE CREED
4—CYRUS GYGER 5—W. S. MUNN 6—HAROLD BENHAM

THE Ford CAR

# The Quarrymen's Friend

**Gets YOU ON the JOB EARLY in the MORNING**

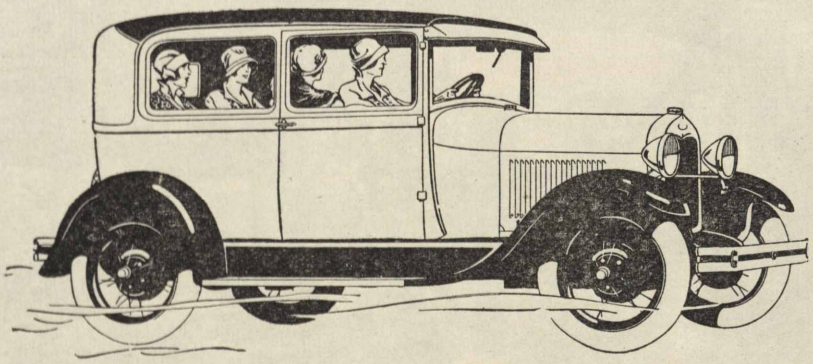
SAFELY AT MINIMUM COST

The car that has done more to develop the Commercial World than all the rest.

**Beauty Speed Endurance Economy**

LESS ORIGINAL COST—LESS EXPENSE OF MAINTAINANCE

GREATER DISTANCE TO THE GALLON OF GAS



The Simplicity of Ford Car construction requires fewer parts to get out of repair and those parts are accessible in every nook and corner of the world. It is the Master Car; sold at moderate price; small down payment and liberal terms on balance.

## Graham Motor Sales

**3rd and College, Bloomington Phone 3556**

## Shop Notes, Derrick

(Continued from Page 57)

that he had a fair idea of what mother earth held in her bosom, in those particular 2300 acres. At any rate many, many cores were taken out, disclosing a general depth of 70 feet of No. 1 buff. With acres indefinite of such a deposit, it would be hard to overdraw the Victor Oolitic.

Five years ago the company commenced quarrying on the west side of the public highway. About three to four acres were quarried out, and the company moved southeast, where marvelous ledges have been uncovered and quarried out.

True to the progressive policy of the Company, the best possible equipment has been installed, and the production is on the quantity basis. The company was the first in the district to use steam shovels for stripping, and by the combined use of hydraulic water stripping and steam shovel, they are enabled to prepare a ledge for the machines at the least possible cost. Another machine that takes the place of numerous derricks for stacking yards is the Locomotive Crane. By its use huge stacks of blocks may be scattered along the sidings, for loading out when needed.

During the three years the Company has been working the present location about 8 acres has been quarried out. A feature of their operations is to quarry out and stack during the drying seasons millions of feet of stone of the various dimensions, and the sales manager, Mr. Brooks, informed our reporter that seldom an order comes in that can not be loaded out the day after receipt. A train load of sawed and blocks goes out practically every day.

Ten of the sixteen machines of the company were clanking away on one floor, and Superintendent Taylor informed our representative that it was no uncommon thing to turn a flitch of 140 to 150 feet in length.

The company has around 200 men on the payroll and runs all the plants day and night.

* * * * *

**STONE RESIDENCES AND BUSINESS BLOCKS AT BLOOMINGTON**

The great number of beautiful stone residences and business houses at Bloomington speak eloquently for the loyalty of Bloomington people to the stone interests of the district. Recognizing as the prime asset of the county, nature's gracious behest our people at every opportunity are strong for using this the Nation's Building Stone, in home and business construction.

The new City Super Service Company, just completed and going big as a center for tires, gas, oils, and accessories, had the good judgment to construct a fine cut stone front at their popular and commodious auto hostelry, in acknowledgement to the beauty and endurance of this wonderful building material.

The City Super Service organization embraces in its personnel a number of Bloomington's most wide awake business men, and their super service of every hour of the day and night is being appreciated by the citizens of the county generally. Heretofore motor requirements at night were not accessible, often times resulting in serious inconvenience to those in need of service, but that is all over. The slogan of the City Super Service, "Drive in any hour," is a relief that the rapidly growing business of the concern is concrete evidence of its popularity. Mr. Walter Woodburn, is manager, and by reason of his determination to make the City Super Service what its name implies, he is leaving nothing undone to carry out the modern policy adopted by the garage.

* * * * *

Frank Williams and Geo. Matson of Ellettsville, planermen, are working for George Maltby and Son, Buffalo, New York. Kurt and Carl Cornman are working in the same mill.

Interior View of the Shawnee Mill and Cut Stone Plant, Bloomington

# MILLWORK

*That Makes the Interior of Your*

## Home Beautiful

*We Specialize in Hardwood Trim Doors and*

*Cabinet Work*

## A Complete Line of Lumber

*and*

## Builders Material

*Always in Stock*

*Including Sizes Especially for*

*the*

## Stone Industry

*LET US QUOTE on YOUR next REQUIREMENTS*

# The Fulwider Lumber Company

*"A Board or a Bungalow Call 2330"*

# Blooming Plants and Vines

for Porch Boxes, Hanging Baskets, Cemetery Vases

**4060 PHONES 3934**

Phone and we will call for and deliver boxes and baskets, using good rich soil. Strong and healthy plants. SATISFACTION GUARANTEED.

We also carry a full line of Hardy Roses, Hardy Perennials, Flower Seed, Bulbs, and Fertilizers—best on the market at lowest prices. QUALITY AND SERVICE.

CABBAGE —— TOMATO —— MANGO PLANTS

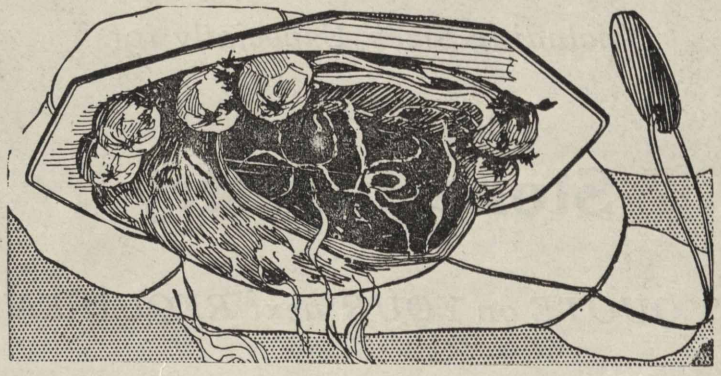
*STORE*
*304 E. Fifth Street*
*Green Houses*
*2nd & Highland*

**ELLIS FLORAL CO.**
**The Flower Shop**

304 E. Kirkwood
BLOOMINGTON
INDIANA

VISITORS ALWAYS WELCOME!

# Popular Brands Beef and Pork



A Home Institution. Will appreciate the patronage of all. We have paid over $400,000 to the farmers of this county for live stock.

ASK YOUR GROCER FOR OUR PRODUCTS

## Bloomington Packing Company

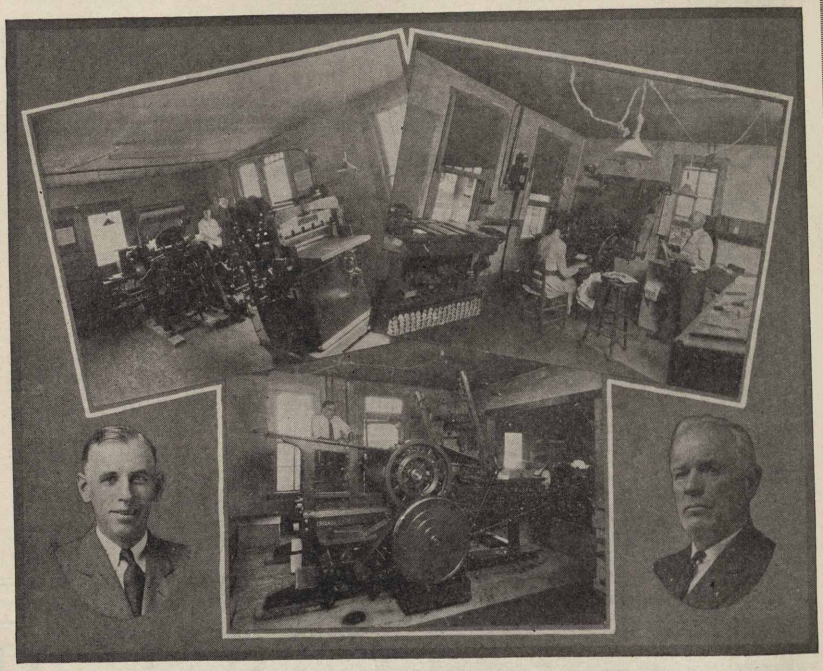
Telephone—Office 9042—Sales 9051

# A Good Used Car

WE have a number of good Used Cars that for utility on the road are practically equal to new cars. It is a well known fact that the depreciation on a car the first year has practically nothing to do with its road performance and real value of endurance. If it is a year out of date, it has lost its value to many buyers, but it is a real bargain to the buyer who is looking to getting over the road rather than to the up-to-dateness in looks.

We buy and sell more Used Cars than all the rest. We buy and sell every day. Daily contact gives us a first hand knowledge, and we know values. If you want to buy or sell consult us. By shooting square our business is growing every day.

Harry Stephens
Opposite
Monon Station
Bloomington, Indiana



# W. B. HARRIS & SON

## Ellettsville :: Indiana

Publishers **Quarries and Mills**

[ISSUED MONTHLY]

## Job Printers . . .

Specialize on Printing for Quarry and Mill Operators

QUARRIES AND MILLS
Published Monthly at Ellettsville, Indiana, by
W. B. HARRIS & SON
Subscription Price, per year.....$1.00
In Clubs of 25, per year.....50

QUARRIES and MILLS is published in the interest of the Indiana Oolitic Limestone Industry, embracing monthly shop notes of quarries, mills, drafting rooms, etc., also a series of articles prepared by workers of the various groups, from their point of view.

The stone belt now realizes how fortunate it is in having the most perfect sound installation in the state in the Indiana Theatre at Bloomington, Indiana, where the R C A Photophone gives perfect sound reproduction.

NEW INDIANA

Theatre at Bloomington, Indiana

**Home of The R C A Photophone**

PERFECT SOUND REPRODUCTION

# MORE MILEAGE

In Tires for your money—That's what you get when you buy

## ALL CORDS

# FEDERALS

ALL-CORD constructed, FEDERALS revolutionary improvement in tire design, gives Tires the stamina to deliver high mileage under gruelling conditions.

This better process, exclusive with Federals, does away with chafing cross strings in the fabric that cause internal heating. The frictionless carcass is made of cord alone, preventing wear inside the tire and saving the strength of Federal Tires to resist the wear of the road.

Because of this All-Cord construction, Federal Tires roll easier, generate less heat, last longer. Their All-Cord process, the thicker tougher tread, the perfect balance in every part insure economical mileage under all conditions.

BATTERY AND TIRE SERVICE THAT SATISFIES

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EVERETT SPARKS, Proprietor

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# Selling Stock to Employees

[From THE NATION'S BUSINESS]

HENRY SMITH—or maybe his name is Tony Angelino or Mike Poplawski — is a wage earner in a steel mill. Some 25 years ago the company for which he works began to offer stock to its employes and since then he has subscribed for one share each year.

At the end of 1927 the income resulting from his investment in his employer's business had repaid him every dollar the stock had cost. He had an extra $883 in cash; he owned seven shares of preferred stock and 23 shares of common, altogether worth $4,436, and he was drawing an income of $210 a year in addition to his wages. At the end of 1928 he had one more share and the value of his stock-holdings had increased to $5,007.

**An Army of Employe-Owners**

Now possibly no particular Henry or Tony or Mike has had identically this experience—more likely he has subscribed for more shares each year with correspondingly higher returns —but the example given shows something of the results of stock distribution as it affects the individual working man.

Multiply Henry or Tony or Mike by about a million; scatter the resultant army of employes among some 400 companies, estimate their stockholdings and subscriptions at somewhat more than a billion dollars and you get some conception of the whole picture.

Even then the figures are incomplete. For the million employes and the billion dollars in stock (as estimated by the National Industrial Conference Board in 1928) represent only the results of stock distribution through definite plans of employers and disregard the holdings acquired by workers in their own or other companies by outside purchase.

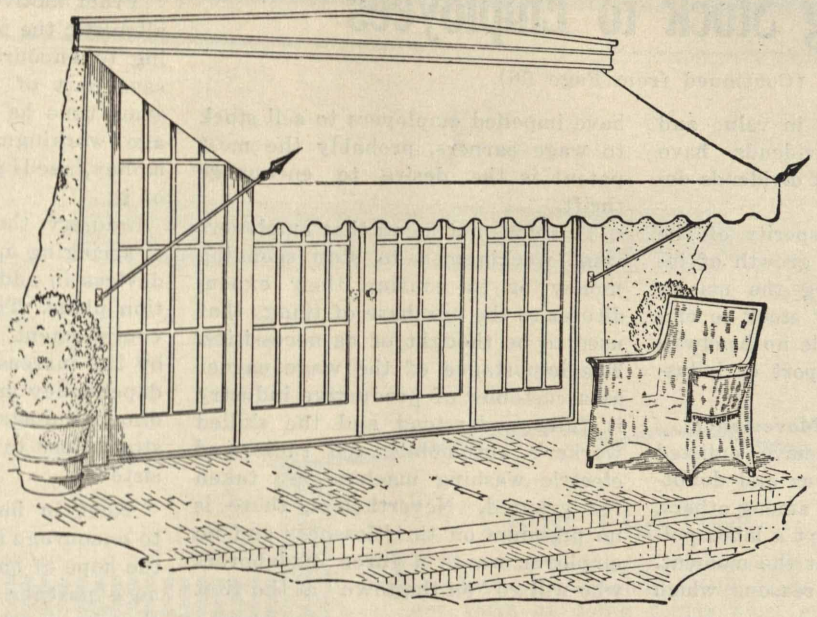
It was natural that changes of such magnitude in the status of employed workers, developing mainly within the last few years, should have attracted wide attention and aroused keen interest among observers of economic and social conditions.

By some it has been hailed as a new conception of partnership, the sharing of ownership between labor and capital, even the precursor of an industrial millennium in which the machines of production will be owned by the men who operate them. * * * * * Employe stock ownership is distinctly a product of twentieth century prosperity in America and of the improved economic situation of the wage earners. The worker whose earnings barely suffice to keep life inside his body is not thinking of buying stock in anything. A surplus for investment implies a margin above the poverty line. So far as the wage earner is concerned, that margin never has been so wide at any time or in any country as in the United States in the last few years.

The workers are buying stock primarily because they have money to invest. It is worth while to remember that while stock purchase and subscription by employed workers is estimated at the sizable total of $1,000,000,000, the deposits in savings banks at the end of 1928 exceeded $28,000,000,000.

One reason the billion dollars invested in stock subscription plans (plus whatever additional amount has been paid for stocks independently of organized methods of subscription) went into this channel instead of into savings banks is that during the war the mass of the American people for the first time became buyers of securities. Liberty Loan drives passed, but the habit of investment remained. About the same time there came an unprecedented interest in all the relationships between employes and management. As a result of these factors and the high earning power of the workers, employe stock ownership, which had been initiated by a few companies about the beginning of the century, made large gains during the war and was rapidly expanding when the business depression of 1920-22 crashed into the country's financial structure. * * * * * * * * Since the middle of 1924, employe ownership has had the advantage of an almost continuously advancing stock market. Many thousands of wage-earning stockholders have never experienced anything like a severe recession in prices. Most of the stocks sold to employes have

(Continued on Page 68)



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Du Pont—under that name, proud of that name, we carry on the business of making automobiles look like new.

Behind us, constantly supervising and inspecting our work, keeping us posted on the latest style trends and technical developments, is the du Pont organization with its almost limitless facilities for research and progressive experiment.

They have provided us with the du Pont Process, the one best way of applying the one best finish—Duco.

A sign and its background—a few words—yet they can make your car look like one of the latest models. Stop in today for an estimate.

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AUTO REFINISHING

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# Selling Stock to Employees

(Continued from Page 66)

made impressive gains in value and in many instances dividends have been increased or stock dividends declared.

In spite of the prosperity of the wage earners and the growth of investment habits among the masses of the people, sales of stock to employes would have made no headway without the active support of industrial management.

**What's Behind the Movement?**

The motives which have enlisted that support are various and doubtless sometimes include, among others, the mere desire to adopt a labor policy which is popular at the moment. Of the more logical reasons which have impelled employers to sell stock to wage earners, probably the most potent is the desire to encourage thrift.

This does not mean that employers want workingmen to stop spending money or to confine their expenditures to the purchase of things that used to be thought of as necessities. The importance of the wage earner as a customer of productive industry is fully understood and the skilled worker's automobile and radio and electric washing machine are taken for granted. Nevertheless, there is no premium on thriftlessness and no employer wants a force of laborers who will go "on the town" at the first period of sickness or unemployment.

From motives both interested and altruistic the manager usually is willing to encourage wage earners to save part of their money. At the same time he realizes that the average workingman, even if he saves money, needs guidance in taking care of it.

Industry, therefore, has seen a rapid springing up of all sorts of savings devices in addition to stock subscription plans. This motive of thrift encouragement has been strengthened by the increasing problem of old-age dependency and the fact that the ordinary industrial pension of necessity stops close to the point of bare subsistence.

Next in importance to the desire to encourage thrift probably has been the hope of enrolling the wage earner as a partner in the industry and thereby developing in him something like a partner's interest in the success of the business. Many employers believe that workers who are also stockholders will exert themselves to promote economy and efficiency and will gain in loyalty to the company and in sympathy with the aims and difficulties of management.

To a considerable extent these hopes have been realized. Doubtless some employers have expected too much and have been proportionately disappointed. But the records of stock subscription plans contain numerous instances of workers whose attitudes changed when they found themselves possessed of shares in the company by which they were employed.

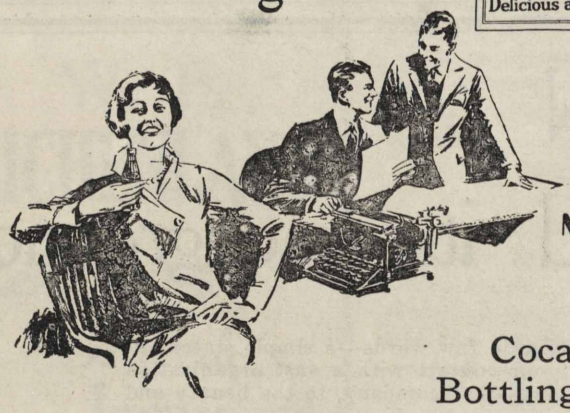
Occasionally another motive, although a minor one, has been the desire to obtain a wider distribution of the stock and to scatter a substantial proportion of company ownership among large numbers of small stockholders who presumably will be favorable to the existing management.

Whatever may have been all the motives of employers in wishing to distribute stock to employes, their efforts have been met more than half way by the workers themselves. Not only have the more intelligent wage earners felt a need for assistance in saving and investing a part of their earnings, but the American workingman has shown an increasing tendency toward capitalism. This tendency is manifested not alone in employe stock ownership but also in the increase of savings deposits, the growth of labor banking, and the risk of in-

(Continued on Page 70)

A short rest but a refreshing one

Drink Coca-Cola Delicious and Refreshing



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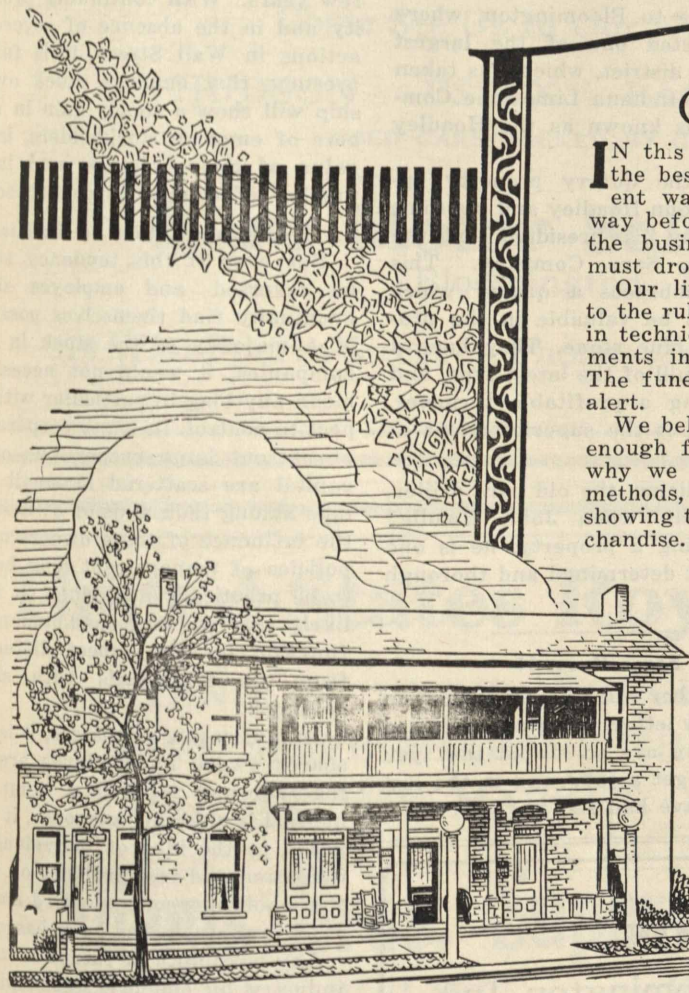

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# In the Stinesville Sector

(Continued from Page 22.)

down to normal conditions, and everybody will be going strong.

Mr. John Hoadley, Jr., is in charge of the office. From a careful study of the stone business, in conjunction with the valuable ancestral acquirements, and experience from his youth he knows the wherefores of the game clear along the line.

* * * * * * *

JOHN HOADLEY & SONS are developing their new quarry west of Smithville. A new steel derrick is being installed and the season's output of a good grade of buff limestone is promising. Mr. Hoadley's sons, Senator W. B. and Albert T., who are associated with him, are born quarrymen—could not be otherwise, as their father is a pioneer in the industry and started in the business with the advantage of first hand precept and example from his father, the late John Hoadley. The name is inseparably associated with Indiana Oolitic Limestone. John Hoadley, Sr., was among the first to engage in the industry, developing fine quarry and mill property at Stinesville, later forming a partnership with his sons, Albert T., Bert G., and John Jr. The Senior Hoadley and his son Albert died. Later the mill burned. John Hoadley, Jr., developed a profitable stone business at Urbana, Illinois, later moving to Bloomington, where he constructed one of the largest mills in the district, which was taken over by the Indiana Limestone Company, and is known as the Hoadley Mill.

Besides the quarry property operated by John Hoadley and his sons, Mr. Hoadley is president of the Hoadley & Sare Company. This property embraces a quarry which promises to be valuable in the production of blue stone. They have a four gang mill of the latest type, and are enjoying a profitable turnover. Mr. Daggy, is the superintendent at this plant.

Mat Williams, the old core driller, tells us that when John Hoadley starts drilling a property, he is one of the most determined and thorough in the belt.

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Bloomington Business Men
Comfortable Busses
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### Some Record!

"My mother will be surprised when she gets my letter. 'August,' she used to say, 'you are so stupid that you will never get a job,' and in the last month I have had six!"

# Selling Stock to Employees

(Continued from Page 68)

surance and investment projects backed by trade unions.

With employe stock ownership seemingly holding an established place in labor-management relations, it is worth while to inquire as to its probable future course.

First, to what extent may it be expected to expand? The answer to this question depends partly on the course of business and the direction of security price movements in the next few years. With continuing prosperity and in the absence of severe reactions in Wall Street, it is fair to presume that employe stock ownership will show a steady gain in numbers of employe stockholders, in the value of their holdings, and in the number of companies concerned.

### Negligible Effect on Policies

But even if this tendency should be reversed and employes should eventually find themselves possessed of a majority of the stock in their companies, it would not necessarily mean anything in particular with respect to control. In many corporations at present large proportions of the capital are scattered in small holdings among thousands of owners, but the influence of these owners on the policies of management may be said to be practically negligible. It is unlikely that employe stockholders will function in this respect differently from the individuals with similar holdings.

In a very few companies, it is true, shares owned by employes are held together and voted in a lump. This method is unusual; moreover, it is opposed to the idea of individual participation and responsibility on which the whole movement toward employe stock ownership has been based.

Any possibility of future control of industry by employe stockholders is made even more remote by the fact that in the interest of safety of principal many companies sell preferred stock rather than common stock to their employes. Some preferred stocks have voting privileges; most of them do not, and consequently the holders of these securities are specifically barred from any participation in management.

### Where the Largest Blocks Lie

One other element, which often is overlooked, lies in the fact that under many stock subscription plans the

(Continued on Page 72)

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310 W. 6th Street Bloomington, Ind.
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Willard Batteries, Ferodo Brake Lining, Vulcanizing, Enarco Motor Oil, generator and starter service.
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WE ARE FURNISHING THE QUARRYMEN WITH NO. 1 PRODUCTS, TRYING TO SAVE THEM MONEY, AND WE WANT THEM TO KNOW THAT WE APPRECIATE THEIR TRADE.

## Selling Stock to Employees

(Continued from Page 70)

ately for wage earners, office workers, supervisors, and executives. Of the approximately 1,000,000 employe stockholders, many thousands doubtless belong to the three last-named groups. In proportion to their numbers, salaried employes certainly hold much larger blocks of stocks than do the rank and file. The sympathy of these employes is likely to be with management rather than with labor.

It is wholly improbable, therefore, that employe stock ownership will lead to any important change in the control of industry. Shall we then come to the conclusion that the influence of the employe stockholders upon industrial management is negligible? By no means. On the contrary, this influence already is showing significant results not only on labor policies but on other actions and attitudes of management.

Industrial relations have quite a different look when the employe is also a stockholder; likewise the relations between management and stockholders are distinctly modified when many of the latter are also employes. Annual reports of many boards of directors are now being phrased with specific reference to the wage-earning investors who will read them.

It is not too much to expect that, with the increase in the number of employe stockholders and of other classes of small investors, the dividend policies of many corporations will be shaped for the benefit of these new groups of capitalists thereby becoming more liberal than in some instances they have been in the past.

Wage earners like most other small stockholders, are little concerned about income surtaxes and would rather have corporate earnings distributed in cash than piled up in reserves. The passing of a dividend becomes a more than usually serious matter if the action hits the pocketbooks of wage earners, foremen and company officers, and thereby brings about adverse effects on the morale of these workers.

The influence of employe stock ownership is not all on one side. Workers who are also part owners of their companies are coming to have understanding of the functions of capital and of the duties and difficulties of management. Increased confidence between employes and officials is having profound effects on the internal relationships of industry. Along with all this, the worker is acquiring an increased self-respect resulting from his enlarged financial independence and his feeling of a mutuality of interest between himself and his employer.

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# Record of Safety Meetings

THIS report shall be in complete detail with respect to the following items:

1. Action taken on minutes of previous meeting.

2. Action taken on reports of safety inspector or inspection committee.

3. Synopsis of all discussion on safety subjects together with record of any other action taken of interest from the viewpoint of accident prevention.

Note—All accidents that have occurred since the last meeting of the general Committee must be recorded on this form and also the nature of the accident and the proposed remedy.

**McDOEL MILL**

Name of Mill, McDoel; Location, Bloomington, Indiana; Date of this Meeting, May 13th, 1929; Date of Previous Meeting, April 8th, 1929; Members present this Meeting, Wm. Shook, Glen Henderson, Jessie Adams, Wayne Yoho, Avery Gallian, Bert Engledow, Jason Clark, Wm. Medaris, John Morton, Chairman, Harold Benham, Secretary, W. A. French, Safety Engineer, Elmer Reeves, Insurance Rep., and Mr. W. B. Harris.

Action on Suggestions.

No. 7.—Suggestion to move I. L. Co. Sign farther back from highway, carried forward, to be taken care of by Mr. George Reed.

No. 10—Six open switches through out mill about man height from ground are dangerous to men passing by, carried forward.

No. 14—Cyrus Gyger, mechanic, suggested putting walk boards up for purpose of gang sawyers oiling loose feed pulleys of gangs, carried forward.

No. 15—Mr. John Morton suggested that gang sawyers do the oiling of the gang saw machinery first thing of morning before gangs start, this is being complied with.

No. 16—Mr. Morton stated that there would be a general cleanup around the mill and each foreman would be responsible for his department, completed.

No. 17—Mr. French suggested that we get one or two men from each department in the mill for each safety meeting. This is being complied with and will be continued until every man in the mill has attended a safety meeting.

No. 18—Wm. Shook suggested there be a guard put on automatic tool grinder.

No. 19—Glen Henderson suggested that it would be a good idea to get a water tank or install a drinking fountain for drinking water, as it is not healthy for every body in the mill dipping their drinking cups in the water bucket and drinking after each other.

No. 20—Avery Gallian suggested that traveler runner in south end of mill ring bell oftener when passing over men with load of stone.

( Continued on Page 76)

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Improve your game by using golf clubs designed by the greatest golfer of all times, Walter Hagen—golf equipment that is the ultra in its line.

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Play tennis! Use a racket that fits your fancy for weight, size, balance, and liveliness. We carry Spalding, Wright and Ditson, Dayton, Steel, Rawlings, and a very complete line of Magnan rackets.

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Make the national game your game. Whether you want to play catch or play League ball, we have everything you need from a baseball to a complete uniform.

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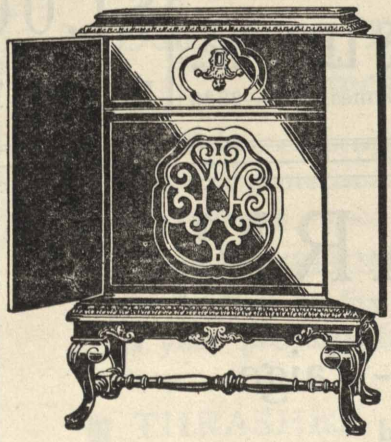

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**752 So. Walnut St.** **Phone 4254** **Bloomington, Ind.**

## Record of Safety Meetings

(Continued from Page 74)

No. 21—Mr. W. A. French made a very good talk on safety.

No. 22—Mr. W. B. Harris gave a good talk, he stated that we had a very good safety club, and that safety should be practiced at home as well as at work.

No. 23—Mr. Elmer Reeves, Insurance Rep., also made a good talk on safety.

Meeting adjourned at 11:30 to meet June 10th, 1929.

HAROLD BENHAM
Signature of Secretary
J. MORTON
Signature of Chairman

* * * * *

## Bloomington Mill

Name of Mill, Bloomington; Location, Bloomington, Indiana; Date of This Meeting, May 10, 1929; Date of Previous Meeting, April 12, 1929; Members present this meeting: Geo. Walker, W. A. French, Roderick Howell, Harry Lavender, Hiller Gray, Mr. Reeves, Maurice G. Hardy.

66. The floor walking and railing to be fixed.

67. No. 63 continued.

68. The toilet is in very bad condition.

69. We had a good many discussions.

(a) Elmer Crane — French showed us the pictures he had.

(b) French told about little waterboy out at one of the quarries that the men teased so much. Meeting closed at 11:20.

* * * * *

## American Mill

Name of Mill, American; Location, Bloomington, Indiana; Date of This Meeting, May 9, 1929; Date of Previous Meeting, April 11, 1929; Members present this meeting: Wiley Brasier, Chas. Hite, John Dalton, Carl Koons, Alva Hedrick, T. Manley, W. A. French, Geo. Moser, W. J. Franzmann, G. W. Walden.

Meeting was opened by reading minutes of last meeting.

Old Business: 21 Have hole in side walk between mill and office filled, complied with.

New Business: 22 Have guard on planer No. 9 repaired, complied with.

23 Have drag saw operator raise blade of saw every night so that watchman can walk under it.

24 Have all safety locks on the planers checked and determine if they are effective and in working order.

25 Have blocks to be sawn set in front of track and not at side.

There were two accidents here since last meeting.

A. Cummings, stone rubber had a toe mashed by stone falling off bench and he was sent to the doctor and examined, no time lost.

Carl Gillespie, car blocker, strained his back lifting stone and lost 6 days work.

G. W. WALDEN,
Signature of Secretary.

## Preventing Automobile Accidents

About seven years ago the National Bureau of Casualty and Surety Underwriters inaugurated a militant educational campaign in the interests of public safety.

As part of the work a national secretary organized local safety councils, a special study of traffic conditions was made, and, most important of all, the main effort was given to safety education of school children.

According to Albert W. Whitney, Acting General Manager of the Bureau, remarkable results have been attained. In the city of New York the tide of accidents turned in 1923. In that year there was one child killed for every 800 motors registered; in 1927, after four years of education, a child was killed for every 1,510 cars. Statistics from many other cities in all parts of the country show similar results.

Safety has become recognized as an integral part of the child's education. The subject is not taught in a dull, abstract manner, but by actual practice and illustration which enlists the imagination and receptive intelligence of the pupil.

Of equal importance is that the work of the Bureau has proven that our automobile accident rate must be reduced by education and knowledge, not by legislative panaceas.

### Do You Get It?

Bill had a billboard. Bill also had a board bill. The board bill bored Bill so that Bill sold the billboard to pay his board bill. So after Bill sold his billboard to pay his board bill, the board bill no longer bored Bill.

PAUL M. STRAIN, O. D.
Optometrist
124 1-2 NORTH WALNUT STREET BLOOMINGTON, INDIANA

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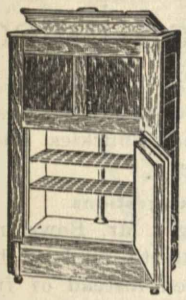

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BURDSAL'S HOMESTEAD PAINT —the highest quality paint made—protects your property from elements that destroy.

THRASHER BROTHERS
SOUTH SIDE SQUARE—BLOOMINGTON

BURDSAL'S Quality Paints
Famous for Durability

# Record of Safety Meetings (Continued)

## Hoadley Mill

Name of Mill, Hoadley; Location, Bloomington, Indiana; Date of This Meeting, May 16, 1929; Date of Previous Meeting, April 18, 1929; Members present this meeting: Frank Ikerd, W. A. French, Glen Shields, Lance Kell, Geo. Myers, Frank Rice, Ray Stalcup, and H. V. Skeel.

Minutes of April meeting read and approved.

Roll called, note above George Myers, Frank Rice and Ray Stalcup were new members asked for the May meeting in accord with request from W. A. French.

Record No. 74—Cone guards for joint saws was referred to Amos Stone, head mechanic.

Record No. 87—This recommendation was voted dropped in April meeting. Since then these ventilators have been built.

Record No. 93—Nails in old boards from loading cars are to be bent down before being laid aside.

Mr. French discussed cooperative safety, illustrating this by the near fatal accident at Clear Creek Mill, this man being caught the men rushed to the motor and shut it down with the full gang load, which caused all machinery to stop. Also the fact that one of our sawyers had his eyes filled with sawing sand while driving out saw key. He should wear his goggles.

Mr. W. B. Harris, Sr., Editor of Quarries and Mills, attended our meeting in the interest of safety.

Our record shows no lost time accidents from April 18th to May 16th.

H. V. SKEEL,
Chairman and Secretary.

* * * * *

## Bowman Mill

Name of Mill, Bowman; Location, Bloomington, Indiana; Date of This Meeting, May 17, 1929; Date of Previous Meeting, April 19, 1929; Members present this meeting: W. A. French, Cliff Stewart, W. B. Harris, Rooksie Goodall, A. M. Lowden, Wendell Koontz, and James Walker.

Instruct Hookers and Travler runners to be careful about long dog chains, also when turning stone for planers not to turn them over planers.

Jack Campbell and Chas. Gobel were given honorable mention for finding broken link in dog chain.

Rubbers be instructed to be careful in setting stone down and see that it is in a safe condition.

Employee was instructed not to put belt on pulley with arm while machine is running.

A very interesting discussion followed on injuries cited by W. A. French and all of this committee pledged themselves towards supporting in the elimination of accidents. Mr. W. B. Harris also gave us an interesting talk on the far reaching effect of safety.

WM. DICKSON,
Signature of Secretary.
JAMES WALKER,
Signature of Chairman.

* * * * *

## Tribune Mill

Name of Mill, Tribune; Location, Bloomington, Indiana; Date of This Meeting, May 15, 1929; Date of Previous Meeting, April 17, 1929; Members present this meeting: W. A. French, L. D. Walls, Chairman; C. C. Languell, Secretary; Wm. Boltinghouse, Dill Deckard, Wesley Chapin, and Lovell Atwood.

**Old Suggestions**

25—That all set screw wrenches for planers have handles reshaped to prevent skinning knuckles. Partly done; carried over.

**New Suggestions**

46—Try and get Mr. Bowman to permit planerman to load at back end of planer bed instead of front end, so as to give more room between bits and stone.

**List of Accidents**

4-19—Wm. Shook, Mechanic, Blacksmith cutting mould tool and hot piece of steel flew off cutting gash under Shook's right eye, no time lost.

4-25—Robert Rankin, Cutter, Stone dust flew in left eye while cutting stone, no time lost.

4-18—Forest Fowler, Apprentice Draftsman, Cutting up some zinc and hand slipped, zinc cut back of 2nd finger right hand, no time lost.

5-9—Harold Baxter, Apprentice Carver, Stone truck was pushed over big toe, right foot, mashing same, no time lost.

L. D. WALLS,
Signature of Chairman.
C. C. LANGUELL,
Signature of Secretary.

---

**Did He Get Them?**

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Floorwalker: "I know what you mean, sir. Mr. Perkins, show this gentleman some rim-sporned hectacles—"


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# New Power Plant at Empire Mill

## Nothing Better in the District

By Chester A. Evans

THE EMPIRE STONE COMPANY'S quarries and mill is one of the oldest and best plants in the Bloomington district. The company began in a modest way many years ago, and has gradually increased in size and output to its present proportions. During this period of growth the requirements for power have naturally increased several times, and additions have been made to the power plant at various times as required. After the mill had been enlarged and more machinery added to the equipment last year, the need for more power was apparent. The new power plant, just completed, with its additional generating equipment, will take care of this need.

A Skinner Universal Uniflow engine was installed in the new plant, being selected as the most suitable and the most economical prime mover to use under the conditions that exist at the mill. It is a 320 Horse power side crank engine and is direct connected to a 200 kilowatt, 250 volt direct current, General Electric generator. This engine, when running at one-half lead, will consume only 17.7 pounds of steam per indicated horsepower hour; at three fourths load, 17.5 pounds; and at full lead, 17.7 pounds per indicated horse-power hour.

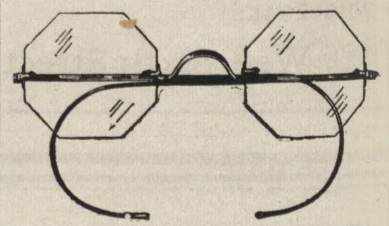
The foundation for the engine and generator is fourteen feet, eleven inches wide, and nineteen feet, eight inches long. It is constructed of concrete and rests on solid rock ledge. Anchor bolts extend into the concrete a distance of six feet. Drain pipes from the flywheel pit, oil filter pit, and exhaust pit under the cylinder were put in at the time the concrete was cast, so that any accumulation of water in these places will be carried to the outside of the building.

The engine takes steam at one hundred twenty-five pounds pressure from the present header line over the boilers through a six inch steam line in which is connected a Sims Separator drained through a high pressure trap to the outside of the building; likewise the cylinder heads are drained directly into another high pressure trap and the condensation delivered outside the building. Both of these drains are separate from the throttle bypass and cylinder cock drains. The exhaust is carried directly to a Stickles No. 5 feed water heater which furnishes water for the boilers and also for the gang saws in the mill. The engine is equipped with an automatic oiling system and oil filter which insures a constant supply of clean oil to all the working parts continually.

The General Electric generator is the interpole type, compound wound. The frame is of welded steel construction, the stator being one solid ring of steel, thus giving the best magnetic circuit possible. This form of construction, however, makes erection more difficult since the stator must be slipped over the armature which is pressed onto the crankshaft of the engine and all brought into their proper places simultaneously.

The switchboard consists of one generator panel and four feeder panels. On the generator panel is mounted the main switch, field switch, circuit breaker, volt meter, ammeter, ground detector and rheostat control. A kilowatt-hour meter is also provided for registering the total load. On the four feeder panels are mounted the switches and fuses for the outgoing circuits. All the switches are double pole, double throw so that any circuit can be connected to either the new or old generator as desired. There are five 400 ampere and four 200 ampere switches. Both the new and the old generators are connected to the board by pairs of 1,500,000 circular mill lead-covered cables run in tile conduit underground.

Howard Byers is the operating engineer in charge of the Empire Stone Company's new power plant. George Dodds is superintendent of the mill and quarries. Frank Matthews has been for many years, the efficient general manager of the company.

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*THE Indiana Limestone Industry means much to this community. To the Loyalty of it's employees, without which no institution can progress and prosper, and to the policy of this organization in at all times rendering it's customers service and a square deal, this company owes it's growth from a small quarry five years ago to a corporation today capable of supplying the Largest of jobs. We have at heart the interests of this community and the welfare of our employees; with such in mind we will at all times do our utmost to further an industry that means so much to us all.*

OUR POLICY TO GIVE OUR PERSONNEL, OUR CUSTOMERS AND OUR COMPETITORS A SQUARE DEAL HAS RESULTED IN RECEIVING FROM THEM, AN EQUAL MEASURE OF SOUND, HONEST TREATMENT.

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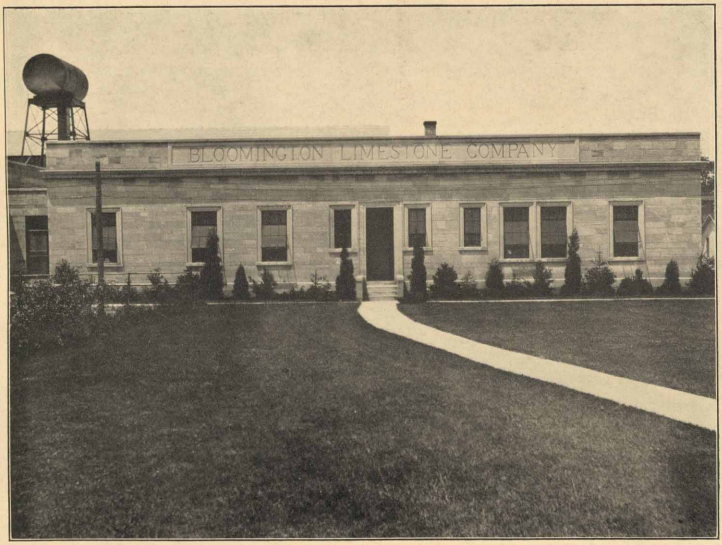


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VOLUME ONE
NUMBER TWO

AUGUST
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The workers in the oolitic district of southern Indiana can well be proud of the district and of the state in which they live by reason of what their district and state have contributed to the construction of a large proportion of the nation's finest buildings.

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# QUARRIES AND MILLS

INTEREST : INDIANA : OOLITIC : LIMESTONE : INDUSTRY

PUBLISHED MONTHLY BY W. B. HARRIS & SON

Subscription, Per Year . . . . . $1.00 Foreign Countries, Per Year . . . . . $1.50

VOLUME I ELLETTSVILLE, INDIANA NUMBER 2


# Cordial Reception of Quarries and Mills

## Its Purpose and Field of Usefulness

¶ As stated last month, in presenting Quarries and Mills to the public, the Editor has for years realized the usefulness of a publication in the interest of the Oolitic Limestone Industry.

¶ With such a medium in the field, our stone operators are enabled to present their activities to builders of the Nation, and along with the employees, be enabled to exchange ideas with a view to the development and enrichment of their knowledge of economic production and fabrication of our great Natural Treasure,---the best, most enduring and superior building material, the Nation's Building Stone, for the Greatest Nation on Face of the Earth.

¶ The cordial reception which the public has given Quarries and Mills convinces the Editor and the publishers that their vision of the need and success of such a medium was well founded.

¶ It is our purpose that Quarries and Mills shall reach each month the operators and employees, with the definite purpose of blending the various groups into one harmonious family, with a dominating atmosphere of unity and co-operation, and a presentation of information calculated to increase their knowledge by exchange of thought, with the broad view that every unit is equally important to maintain a working organization of the highest efficiency.

¶ As gleaners of old, may our readers glean from the various articles of general information of the industry, and from specific thought and exchange of ideas from the Drafting Room, the Ledge, the Planer, the Sawyer, the Cutter, and withall, the Predominating Thought of Safety First---of which the entire world is so vigorously sponsoring now, and thereby increase their ability to give the highest type of service, and all in the belief that the mission of life is one of faithful, honest service of whatever falls to our lot.

¶ By our publication if we may, even in a modest way, bring to the workers of the industry the thought that the Master Hand back of it all, has in a gracious way, favored our small County-Community with His Wondrous Gift, and that as the hewers of old, they are the favored ones whose duty it is to give the best there is in them, with brain and brawn, to advance the Nation's Building Problems, with the best material the Master Hand has provided, then shall we have accomplished our purpose.

¶ With just pride in our Great Hoosier Domain, may we thankfully realize that we have at our very door everything to make life worth while---the great wheat fields of the Wea---the Wondrous Coal Deposits of the West---the Fruit of Southern Knobs---and in our Beloved Hills, the deposit of the World's Famous Stone, in the which the Master rather showed us partiality, for, while our neighbors of the State estimate, financially, their acreage by dollars in hundreds, the Voluptuous Bosom of our stone belt is estimated by thousands---or rather millions.

¶ As you ride ten, twenty, even thirty miles daily, to your work, receiving the highest wage in the world, may you realize the blessing at our very threshold of our marvelous stone deposit, and resolve each day to make it the happiest, the most considerate of your fellow-worker, and the most efficient in endeavor.

# Comment by Some of Our Readers on the New Publication---Quarries and Mills

INDIANA UNIVERSITY
President's Office
Bloomington, Indiana
July 5, 1929

I congratulate Mr. W. B. Harris of Ellettsville on the publication of the journal entitled "Quarries and Mills." I am sure this journal will make an excellent impression wherever it goes.

WILLIAM LOWE BRYAN

* * * * *

Fred Matthews, President of the Matthews Brothers Co., says: "I have read from cover to cover of your first issue and was very much interested in it. It is both historical and newsy and refreshes my memories of the long ago in the stone business. I see that this publication probably may wield a wide influence, and supply a long felt need of reciprocal information throughout the stone district."

* * * * *

Dear Mr. Harris:

I wish to congratulate you on the publication of your new magazine, "Quarries and Mills." I know this publication has always been a dream of yours, and I think you are to be highly complimented in the manner in which you have made it a reality. I also think you have done remarkably well with both the editorial and typographical content at the start.

With best wishes for your success, we are,

Sincerely yours,
Feltus Printing Company
PAUL L. FELTUS, Manager

* * * * *

"I have read with much interest the copy of 'Quarries and Mills' issued by Hon. W. B. Harris of Ellettsville, and regard it as one of the best publications on Indiana Limestone that I have ever seen. The author of 'Quarries and Mills' has been in business in the Limestone section of this state for almost sixty years and this knowledge peculiarly prepares him for the new publication."

JOHN W. CRAVENS
Registrar Indiana University

* * * * *

Mr. Gene Perry,
Ellettsville, Indiana.
Dear Sir:

Below on this sheet will you kindly write a few words of your impression and opinion of our monthly publication, "Quarries and Mills."

Respectfully,
W. B. HARRIS, Editor.

W. B. Harris & Son,
Ellettsville, Indiana.
Gentlemen:

Replying to the above will say that in as much as I have known the editors all my life, and the mechanical ingenuity of the junior member and the talent in journalism of the senior editor combine to make your first issue of "Quarries and Mills" a masterpiece. I predict continued success for your monthly publication.

Yours very truly,
Perry Stone Company,
By EUGENE H. R. PERRY,
Secretary-Treasurer.

* * * * *

Editor Harris' latest publication, "Quarries and Mills," has created quite a favorable impression among those interested in the Indiana limestone industry. The publication is nicely gotten up, contains interesting feature articles, and news facts interesting particularly to the trade. General contractors, both in and outside the stone belt, have also made favorable comment.

A. J. Thompson Stone Company
HAZEL K. THOMPSON

Mr. Percy Cogswell, of Harding and Cogswell, says: "I like it fine."

* * * * *

Qeorge D. Thornton—"It supplies a long felt want, and supplies a new area of advertising Indiana Oolitic Limestone, and should be generously supported by every Stone Company in the belt."

* * * * *

We believe "Quarries and Mills" a fine medium for news by and for, those interested in Indiana Limestone.

B. G. HOADLEY QUARRIES, INC.

* * * * *

"The publication, 'Quarries and Mills' should do much to put the uses of Limestone before the public."

PHILIP B. HILL,
President of the First
National Bank.

* * * * *

Your first issue of "Quarries and Mills" impressed me very favorably. The ads and reading matter are well balanced—just the right proportion of each.

The interesting articles on different phases of the stone industry makes your magazine very valuable, for the information is of historical use to everyone connected with the stone industry. I congratulate the publishers also on the typographical appearance of the publication.

OSCAR H. CRAVENS,
President of the Monroe County
State Bank.

* * * * *

The possibilities of a monthly publication such as "Quarries and Mills" is demonstated by the first issue. I enjoyed every article and the press work was excellent. The stone industry needs such a publication. It will stimulate interest in our greatest natural resource and give to the insider real news and to the outsider a better understanding of why our Oolitic stone is the "Nation's Building Stone."

ROY O. PIKE,
Cashier of the Citizens Loan
& Trust Company.

* * * * *

Mr. Harris, Editor of Quarries and Mills, deserves hearty cooperation from all, in this project. This publication can be made a telling force in this community through the wide circulation which I feel will be given it by the employers, employees and advertisers.

W. B. ADAMS

* * * * *

We believe that this publication is hard to match in this particular territory. Everyone interested in the stone business should feel as we do after reading it.

The Evansville Morris Plan Co.,
Per W. R. JACOBS, Manager.

* * * * *

Mr. W. B. Harris, Editor
"Quarries and Mills"
Ellettsville, Indiana
Dear Mr. Harris:

In answer to your recent inquiry as to our opinion of your publication, "Quarries and Mills," we wish to say that we consider it a great success. Throughout it's pages one finds a varied collection of articles presented with a "local color" so as to provide interesting reading to all engaged in the stone and kindred industries throughout the district.

With best wishes for your continued success, we are,

Sincerely yours,
The Indian Hill Stone Co.
By C. T. HAGAN, President

SHAWNEE STONE COMPANY
Bloomington, Indiana
July 22nd, 1929

W. B. Harris & Son
Ellettsville, Indiana
Attention: Mr. W. B. Harris

Gentlemen:—

We have for acknowledgment your letter of July 19th, with reference to your publication "Quarries and Mills." We find that our employees have enthusiastically received this publication.

The Stone Industry of this community in past years has spent vast sums throughout the country, in the promotion of the use of Indiana Limestone. The results of these promotion activities have been reflected in the development of the industry and the prosperity that has been brought to Bloomington.

The industry will continue its efforts to develop an increasing field for the use of Indiana Limestone and Bloomington in general, by the creation of a proper "Boost Bloomington Spirit" can do much to make this an ever growing community.

Yours very truly,
Shawnee Stone Company
J. L. TORPHY, President

* * * * *

Frank E. Matthews, Vice-President and General Manager of the Empire Stone Co.—"I extend congratulations to W. B. Harris & Son, in their courageous efforts to publish a magazine in the interest of Indiana Oolitic Limestone, with the purpose of advertising the product, and bringing about magnanimous cooperation in the industry, and healthy support of the magazine."

* * * * *

"I have read and surveyed the Quarries and Mills magazine and find it a very worthy magazine and worth your support."

E. B. CROWE
President of the Bedford Chamber of Commerce.

* * * * *

Mr. R. K. Andrews, Secretary of the Bedford Chamber of Commerce, Bedford, Indiana, says:

"It has been my privilege to read the first issue of 'Quarries and Mills.' This publication will prove of great interest to people of the stone district and will, no doubt, build up a united spirit among mill and quarry workers that will be beneficial to the stone district.

"Allow me to congratulate you on this fine publication."

* * * * *

REED-POWERS CUT STONE CO.
Bedford, Indiana
July 24, 1929

W. B. Harris & Son, Publishers
"Quarries & Mills"
Ellettsville, Indiana

Dear Mr. Harris:

We have read with interest the first copy of your publication, "Quarries and Mills," pertaining to the activities of Monroe County.

We understand that you are about to publish in your next issue doings in both Lawrence and Monroe County. We believe you are doing good work for the stone industry, and will await with pleasure the issue of your next number.

The stone industry in both Lawrence and Monroe County should support a publication of this character and you have our approval and good wishes for its success.

Yours very truly,
Reed-Powers Cut Stone Company
WM. E. POWERS, President

# Indiana "Oolitic" Limestone

By H. S. BRIGHTLY, Director Architects Bureau
Indiana Limestone Company

A GREAT many of the people who see the term "oolitic" used as descriptive of the limestone rock that is quarried for building stone from the vast deposits of this material in Lawrence and Monroe Counties, Indiana, wonder just what this term really means and its significance, when thus used to designate the well known building limestone of southern Indiana. With that in view your editor has requested me to prepare an explanation of this term.

Broadly speaking, the term "oolitic" when applied to limestone means a generally non-crystalline limestone which has a structure more like sandstone than like marble. It means more than that, however, as it is in a way descriptive of the manner in which this kind of rock was formed.

There has been considerable misunderstanding regarding the words "oolitic" and "oolite," as these terms which are derived from the Greek language, if taken literally, mean egg-stone, or egg-like stone, whereas these are merely terms that in a very general way describe the physical formation or structure of this rock as being somewhat similar in appearance to the roe of a fish. Some people by reason of this have even gone so far astray as to misconstrue the usage of these terms as to mean that the rock was formed of petrified fish eggs. This, however, is entirely incorrect, as there were no fish in existence at the time this stone was formed and therefore the eggs of fish had no part in its formation.

The oolitic limestone rock, however, is composed of the shell remains of minute to moderate size marine organisms, of a very low order, mostly one cell animals, even lower in the order of life than clams, oysters and other shell bearing organisms that live in the sea at the present time. The rock, however, is not composed entirely of these shells, but of what can more properly be referred to as a shell sand. The shells of the tiny marine organisms, along with the shells of certain of the larger species of marine life that existed at the time this rock was formed being deposited on the sea floor and then by wave and current action becoming more or less ground up, rounded off and in that way worked into a shell sand, the grains of which were nearly pure calcium carbonate, the common name for which is carbonate of lime.

In this grinding action a certain amount of the softer parts of the shells was dissolved by the water and taken up into solution, and that dissolved carbonate later on when the water was still filtered down into the deposit of sand and in crystalizing out from the water, filled up most of the tiny spaces left between the carbonate sand particles, and thus cemented them together into a solid mass of rock.

The oolitic limestone deposit is formed of the shell remains of various types of marine organisms, all more or less low orders of marine life which, dying by countless millions over centuries of time, deposited these remains on the sea floor to be ground up into a sand which gradually accumulated and built up a layer of limestone over 60 feet in thickness, in that way forming the deposit of rock that is now quarried for building stone.

After the deposition of this particular formation had been carried to that extent, physical conditions on the continent must have changed, because the rock layers forming the Mitchell series, which overlie the oolitic limestone, are of quite markedly different formation and in certain of their layers of considerably different chemical composition.

The original layer of limestone which occurs in the two counties already mentioned, and which to a limited extent extends beyond the borders of these counties, after having been covered up by these other rock formations, was not effected by any agency of nature, excepting the gradual erroding away of the overlying layers of rock until this erosion, during the long-long centuries that followed, had carried away most of the overlying rock formations and in that way uncovered, or at least brought close to the surface the oolitic limestone formation that is now quarried for building stone.

Returning for a moment to the words "oolite" and "oolitic," it might be well to explain that the stone which is known by geologists as a true oolite, is a stone in which the individual grains of which its structure is formed, are not of tiny shells and shell fragments, but are quite generally spherical in form, having been built up by tiny crystals forming around original small particles of the calcium carbonate from water that has super-changed with that mineral, until by this crystal growth these particles or grains had become sufficiently large and heavy to drop down on the sea floor. A rock that is formed of that type of grain is called a true oolite, whereas a rock that is formed of carbonate sand grains, formed by tiny shells and shell fragments ground into a sand-like mass instead of having been built up by crystal formation, is called oolitic. In other words, not an oolite, but of a formation that is oolitic in general character.

Such rocks in either case are chemically quite similar, as the grains and the cementing matrix are both carbonate of lime. The mineral term "calcite" which is often applied to carbonate of lime, merely means the calcium carbonate in crystal form. In other words, if the lime-carbonate of the original shells becomes dissolved by water and then crystalizes out from solution, it becomes calcite. It has not changed in chemical composition, but merely in form.

The above explanation in all its particulars is probably not strictly correct from a scientific standpoint, but in a general way, can be taken as describing correctly the terms "oolite" and "oolitic" and the meaning of these as applied to the great building stone deposit of the southern Indiana district in which this stone, formerly called Bedford stone, is produced.

# B. & O. President's Hammond Address is Challenged by Bedford Chamber of Commerce

## By E. B. CROWE, President

(Editors Note—As Quarries and Mills goes to press, the word is given out from the B. & O. general offices at Baltimore that the company has decided to give up the idea of including the Monon in its merger plans. It appears the B. & O. has notified the Interstate Commerce Commission of this decision, because the stockholders of the Monon were opposed to the merge. On its face it seems a victory for the Monon and its friends, but eternal vigilance is the price of victory, and it will be well to keep on the look out for unexpected breakers. Take nothing for granted—let us be prepared for any joker, that might be lurking in the wood pile.)

* * * * *

THE address made by Daniel Willard, President of the Baltimore and Ohio Railroad Company, before the Chamber of Commerce, Hammond, Indiana, June 6, 1929, should be and, no doubt, will be answered officially by the President of the Monon Rail Road, Mr. H. R. Kurrie.

I am positive that facts can be given to refute most, if not all, the statements made by Mr. Willard. When Mr. Kurrie or other Monon officials have finished with him, he surely will not again attempt to use any more of his persuasion in Monon and Indiana territory.

As stated, Mr. Kurrie will no doubt answer Mr. Willard in his own high minded, clear cut, straight-forward way. However, since Mr. Willard made his address to the Chamber of Commerce, Hammond, Indiana, he lays down the bars to every Chamber of Commerce on the Monon Rail Road, and as President of the Bedford Chamber of Commerce, I accept his challenge. I do this advisedly because this matter was brought before our local Chamber in an official meeting with its directors, and after thorough discussion, it was voted unanimously to offer every possible assistance to officers and officials of the Monon. So as I stated, I speak advisedly, representing a broad group of the strongest industrial, business and professional men in this city. I also voice my own views as a representative business man.

This splendid commonwealth of Bedford and Lawrence County, and the stone belt as a whole, is served by the Monon Rail Road in a most painstaking and efficient way. Nothing is ever left undone to serve the people, its patrons well. Four package cars serve us daily. One each from Indianapolis, Louisville, Chicago and Cincinnati. We are given the best in passenger stations and freight warehouses. The road beds and rails are kept constantly in splendid condition. Through passenger service, which is all that can be asked of a carrier, enables us to leave and return to Bedford with dispatch.

The Monon Rail Road is officered by home people—Indiana Men, who live here, who own homes here, who have a genuine interest in the various communities they serve. They never overlook an opportunity to spend their money in the state.

This community has one gigantic, principal industry namely, the quarrying and fabrication of Indiana-Oolitic Limestone. For us to be prosperous, this industry must prosper. For it to flourish, it must enjoy efficient rail service. I am informed that the Monon Railway officials have studied their problems in a most thorough manner, have studied the stone industry, have educated themselves and have worked with officials of the stone industry, have, in fact, made themselves a part of the stone industry, all for the sole purpose of serving the building stone belt in the best possible manner.

We know we have service now. We don't know what we would have with the change. We know we have and enjoy a fine expansion program now, money dumped into our state, paid back in salaries and purchase of equipment, repairs, railroad shops, etc. Our state has the Monon Shops now. We don't know where the shops would be taken, if the B. & O. R. R. takes over the Monon. We know we have many employes living in their Indiana homes, buying our merchandise, settling their obligations, living happily. We don't know where these people would be taken to, don't know what would become of their homes, don't know what would happen if the B. & O. should take over the Monon.

Mr. Willard talks as though the Ohio river were a large lake or ocean, as though it were an insurmountable barrier for the exchange of freight and travel. Has he forgotten that there is a bridge across the river? Has he forgotten that Louisville is the gateway to the South (Louisville at the southern end of the Monon) and that Chicago is the gateway to the great north west, and to the Great Lakes?

I should not like to attempt or appear to answer any arguments of Mr. Willard's that Mr. Kurrie will so ably answer, however, Mr. Willard's arguments, in the main, are so erroneous and the fallacy so vivid, that one cannot entirely pass by, unnoticed, some of his most glaring blunders.

One would think, by reading Mr. Willard's address, that he is a philanthropist. If it is, as he says, to better serve the communities along the Monon, just why is he so anxious to take over the road?

The facts are, the Monon pays well, it is well managed, it is prosperous, enjoying a splendid growth. That is the reason he wants the road. It doesn't seem to be a charitable act on his part, but does appear selfish in the extreme.

We are not at all interested in the wiles of Mr. Willard. We are happy with the Monon, our Monon. It has endeared itself to the hearts of our people. Let it alone! Permit it to continue to serve us faithfully as it has in the past.

# From the Angle of a Stenographer

*By MISS SELMA BROWNING*

Stenographer to C. E. VanValer, Superintendent of The Indiana Daily Student Office

THE term "Stenographer" covers a multitude of duties not listed by Webster who says that a stenographer is "A writer of shorthand"—for the demands are more than merely taking dictation and operating the keys of a typewriter.

The stenographic part of the work is small in comparison with the many other duties which include about everything from being hello girl to confidential adviser as well as keeping the boss informed of the hour for his golfing engagement.

In making this first attempt at preparing an article for publication dealing with a professional stenographer's viewpoint of business life, the thought occurred to the writer that one of the ways to find out just what is expected of a girl in an office would be to ask a business man "What do you consider makes a good stenographer and office girl and what qualifications should she have?" Here are a few of the things which came out of the question:

She should be punctual, steady and dependable.
She should be neat in appearance, be courteous and have a pleasing personality and disposition.
She should know the business of the firm.
She should be initiative.
She should have the proper tools with which to work.

Now to analyze these points. The first mentioned embodies a great deal, for men are peculiar creatures in that when they plan a day's work it must be done on time, especially when a fishing trip is scheduled or an outing planned and the day's work must be speeded up to the point where he can get away on time and yet not delay the day's routine. Of course this advance information is not always conveyed to the stenog and if she is late even a few minutes under such conditions the day might be ruined, at least for the feminine side of the office force. Then not to show up for any reason at all might mean, and has in many cases been the cause of dismissal. By being dependable the stenographer is able to carry on the work of the office should the boss fail to show up without notification. A girl's first experience in this particular is trying to say the least, as responsibility gets its first whirl in the activities of business, but you girls who read this will appreciate the words that follow the next day when your boss comes in and says "You got along fine without me yesterday."

The stenographer should be neat in her dress and appearance but it is not necessary that she view herself each half hour or less in the mirror. This soon grows monotonous to the employer who is paying the girl to work and not to primp. Her desk should be in order and the typewriter as clean as possible.

The girl who starts the day off with a smile and a "Good morning" to her employer and fellow workers will find that the day's work goes much smoother. She should be courteous and polite in all dealings with others. A great deal of her personality is revealed in the mere task of answering the phone. The alert office girl will answer promptly and distinctly, giving the name of the firm or phone number immediately. If she can give the desired information she does so in a concise way yet in a pleasing tone of voice.

Knowing the business of the firm is something which only time will develop but it is necessary to learn what is expected and as quickly as possible make your actions correspond with the same. By being familiar with the various technical terms, the customers and other features pertaining to the business, the office girl is able to write and talk in a more intelligent manner and can thus wait on office callers and answer their inquiries therefore relieving the employer of considerable small details.

No one, next to the employer, is more intimately acquainted with the inside workings of the business of the firm than is the stenographer. She hears the private conversations in the office, and knows the contents of every letter. She knows the employees from the office boy to the president and if she is to be a success she must be a student of human nature and a booster for the firm, not a knocker. The idea that a woman can not keep a secret is not true in the life of the office girl for she knows all yet says nothing outside the shop.

To be of the most help to the employer the stenographer should be initiative. She should use her own judgment as to keeping her files so that she can readily secure any correspondence asked for. Nothing peeves a boss quicker than to have to wait. It is immaterial how long the stenog sits with pencil in hand waiting for dictation while he lights his smoke. He is paying the bill. Each day's work should be completed and especially all transcripts. The girl who keeps her work up to the minute usually experiences few difficulties and finds her work a joy. But the girl who is always behind with her work is nervous and out of humor.

A majority of the letters to be answered need only a word of suggestion and the stenographer should be able to phrase them in the words and terms of her employer. Quite a few are left entirely to her for answer. It is absolutely necessary to be able to punctuate properly for often times a comma in the wrong place will entirely change the meaning of the sentence. Misspelling is unpardonable. A story is told of a boss and his typist who could not spell the name of a town. The following conversation took place:

Stenog: How do you spell Schenectady?

Boss: Shen—Sch—Skeneck—. Oh h—, tell him I'll meet him in Buffalo.

Some men are very particular that their letters be transcribed just as dictated, but not many of them hold to such a rigid law. If the contents of the letter are changed, common sense should be used to see that the letter has the same meaning and is coherent.

No stenographer can be expected to turn out work of a higher quality than the tools with which she is furnished to work. Her letters are sure to be unattractive if her typewriter is a battered up one, if her carbon is smutty and the stationery is cheap. It is for this reason that the average office is equipped with as complete and up-to-date machinery as possible for employers realize that their letters take the place of a personal call and therefore must be of the type which will attract the attention of the reader. It is left to the stenographer's own ingenuity to make up the letters in the most striking form.

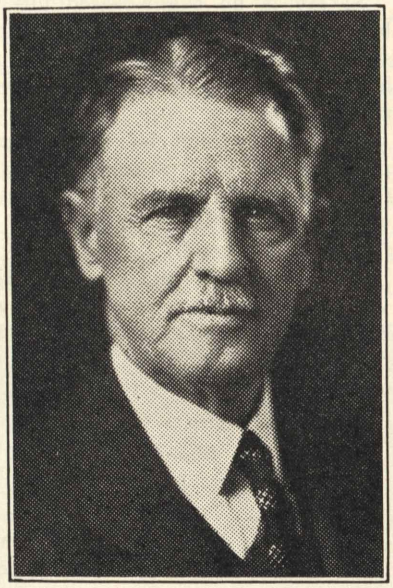
Sometimes as stenographers we wonder just what the reaction is on some of the letters we write and occasionally we can read between the lines of the reply we write although we did not get to see the letter which followed our first, or second, or third. We learn also that often times the tone of the letter depends on the momentary disposition of the dictator and we can usually tell whether the home life at the time of departure was just what it should have been. Working with a man for eight hours a day we learn his disposition, temperment, character and in our minds can alone form our opinions of life.

Some men may appear to be "hard boiled" one minute and the next greet a customer with one of the most pleasant dispositions that lead us to wonder just what kind of a creature man really is. At any rate some of us remain without the gates of matrimony from a matter of choice, some because we love our work and independence and still some take the chance on the man whom they think is "different" and pledge a life of service toward

(Continued on Page Sixty-three)

# MEMORIAL TO EDMUND B. THORNTON

## [Died June Twenty-Eighth, Nineteen Hundred Twenty-Nine]



THE article below, which the editor of this publication was to present as a story of the life of Mr. Thornton, Dean of the Lawrence county stone industry, becomes a Memorial to this splendid man by reason of his sudden death on the evening of June 28, 1929.

In a conference with Mr. Thornton the afternoon of the 27th, among other things discussed, was the part he had taken in the reorganization of the Bedford hospital. To the suggestion that we would like to use this feature of his life's activities, he demurred, to which he smilingly received our remark that it would become one of the flowers the public would bestow on his grave.

In the passing of Edmund Thornton a beautiful life closes—becomes a memory, but truly it may be said that his works do follow him. A man of broad perspective, exceptional courage and initiative, his active life was blended prominently for 50 years in the organization of every movement that had for its purpose the expansion and up building of his city and county.

* * * * *

In examining the life records of self-made men, it will invariably be found that indefatigable industry has constituted the basis of their success. True, there are other elements which enter in and conserve the advancement of personal interests—perseverance, discrimination and mastering of expedients—but the foundation of all achievement is earnest, persistent labor. At the outset of his career Mr. Thornton recognized this fact, and he did not seek any royal road to the goal of prosperity and independence, but began to work earnestly and diligently in order to advance himself, and the result is that he is now numbered among the progressive, successful and influential business men of Lawrence County.

Edmund B. Thornton was born in the city of Bedford, Indiana, on January 11, 1856, and is the son of George A. and Mary Braxton Thornton. He received his education in the public schools, being a graduate of the Bedford High School, and in the normal school at Medina, Ohio. In the meantime, while pursuing his education, he had engaged in the grocery business in Bedford, but immediately after returning from the normal school he was elected county superintendent of schools of Lawrence county, and was re-elected, thus serving two terms, or four years. He was eminently successful in this profession and could have had the best education employment in the county had he elected to continue in that line. However, he desired a broader field for the exercise of his efforts and engaged in the lumber business for four years, being located at Enterprise and Ford, Kentucky. About 1885 he returned to Bedford and accepted the position of superintendent of the new Hoosier stone quarry, and in the following year he was made general superintendent of all the Hoosier Stone Company's quarries, in which he proved the right man for the place. In 1888 Mr. Thornton organized the Bedford Steam Stone Works, of which he was president and which has been one of the most prosperous and successful of the stone companies organized here. In 1900 Mr. Thornton organized the Ottawa Silica Company, of Ottawa, Illinois, of which he has been president ever since its inception. This company is engaged in the mining and shipping of glass sand, stone sawing sand, ground silica, and testing sand for cement tests. The latter product is of exceptionally fine quality and has been adopted as a standard by the Society of American Engineers. Mr. Thornton was also the largest stockholder and president of the Imperial Stone Company of Bedford, and is director and president of the Ctizens National Bank, a director of the Citizens Trust Company, and was one of the organizers and director and secretary of the Central Veneer Company, of Indianapolis. To write in full detail the account of all the interesting happenings in Mr. Thornton's life would require a much more elaborate article than the nature of this work admits or requires, but sufficient has been said to form a conception of the man and his career, a career characterized by work well done, keenness of perception, tireless energy, honesty of purpose and motive and everyday common sense. He has been successful in business, respected in social life, and as a neighbor has discharged his duties in a manner becoming a liberal-minded, intelligent citizen of a community where the essential qualities of manhood have ever been duly recognized and prized at their full value.

He has always been greatly interested in civic affairs and has labored during his whole life for the best interests of his community. He gave to the city of Bedford a children's play ground, known as Thornton Park.

# Methods by Which Accidents May Be Prevented in the Building Stone Industry

By FRED E. HATFIELD, Safety Engineer, Indiana Limestone Co.

FIRST of all, the executive, superintendent and foreman must be sold on safety: I mean that he must have the safety instinct and be conscious of humanitarian value, money cost, and to feel a personal responsibility for accidents to his employees. Absolute co-operation is very necessary. Safety appliances and mechanical guards must be installed. Many accidents are due to delay in installing guards and the use of safety appliances. Mechanical guards and safety appliances are of little value in the prevention of accidents if employees are permitted to disregard them.

Here is where the foreman becomes an important factor. It is one of his most important duties to see that safety rules are respected. Once an employee understands that his job depends on respecting safety rules along the same lines as performing satisfactory service of the work assigned to him, he will soon acquire the habit of thinking of the possible danger, and exercise the necessary precaution to prevent accidents.

A reprimand by the foreman in the proper manner will be effective and lasting. If not in the proper manner, it does more harm than good. Bawling a workman out when in a fit of anger or "peeved" at what may have happened is bad practice and not becoming of a good foreman. Think it over from all angles before reprimanding a disobedient or thoughtless workman.

### Accidents Expensive

While humanitarian reasons should be sufficient to make accident reduction an important factor in every business organization, there is, in addition, the fact that accidents cost industries approximately $5,000,000,000 annually.

Authority on the subject states that eighty-eight percent of all industrial accidents can be prevented through enforcement of safety rules and that ten percent result from improper physical conditions in plants. Unpreventable accidents constitute only two percent of the total.

Safety is no sugar-coated pill to be taken and then forgotten. It should have enough sting and pep to be felt all the way along the digestive system.

If safety cannot be sold to employees on the co-operative plan, then it should be sold to them whether they like it or not. It is for their own good.

But remember this: Give the worker a chance; give him two chances if necessary. Then if he just won't come through there is but one remedy left, and that is to dispense with his services.

### Shoes

Good soles on your shoes have a lot more to do with prevention of accidents than most people imagine. Employees of the stone mills and quarries are compelled to walk on rough footing practically the entire day. By wearing thin soled shoes the feet soon become tired and sore, and there is nothing that knocks a man out so completely as tired, aching feet.

Numerous accidents result from rusty nails penetrating the foot on account of thin sole shoes. Such injuries are extremely serious. Safety shoes are to be had with a box toe that protects the wearer from having his toes crushed, if some stone or tool should fall on them, which is no uncommon thing.

Over 150 pairs of safety shoes have been supplied stone workers of our company in the past six months.

These safety shoes have been the means of saving men from many injuries and if you will help encourage the men to wear safety shoes you will not only help to establish a good safety record but will be doing your fellow workman a good turn.

The cost is no greater than ordinary shoes and will out wear a pair of dress shoes that were not made for rough wear. The safety shoe can be had from $3.10 to $4.30 per pair direct from the factory.

### What Caused the Accident?

A mill laborer breaking a stone that the hookers had placed with one end resting on the dump box about six inches off the ground. Laborer was standing with one foot under the stone, and in striking, a stone in the dump box, the leaning stone was jarred loose and fell on the laborer's foot, breaking bones in three of his toes. What was the result? Thirty-eight days on crutches with only a compensation check as a pay day to say nothing of the suffering of pain and a tender foot for a long time after returning to work.

Who was responsible for this accident? The hookers who placed the stone in a position where it was likely to injure some one, or the laborer who thoughtlessly stood with his foot under the stone?

A channeling machine helper in lowering a set of drills into the channel cut, with the crank, when they hung up in cut. As he slacked off on the cable the drills became dislodged which caused a sudden jerk, causing crank to come off the shaft. He grabbed hold of the gear wheel in an effort to stop the fall of the drills, (which would have caused no damage or personal injury if they had been permitted to fall) which carried his hand into the pinion gear, resulting in a mangled hand. What was the cause of this accident? Thoughtlessness and not being sold on safety.

The two accidents mentioned are samples of a large percent of accidents in the stone industry. There is a cause for every accident. The responsibility rests with some one. The foreman cannot be every place in the plant at once. The inspector cannot see all defects in machinery and equipment, the safety engineer cannot be at all plants at the same time. So to prevent accidents, we must all work together, wake up to the fact that we are our brother's keeper, and that there is more to be accomplished by practicing "Safety First" (at home, on the job and on the highway) than any duty you can possibly render.

It costs nothing, and pays large dividends.

# Makes History in the Stone Business

## Story of Ben P. Crowe

THE law of compensation is an eternal truth, proclaimed by every experience in human life and every physical endeavor. Success is only obtained by well directed effort. No matter how much effort, if misdirected, failure results.

It was axomatic with the Greeks that great men are not born—they are made, by traveling through mysterious, uncharted by-paths, unknown and never recognized by the average layman.

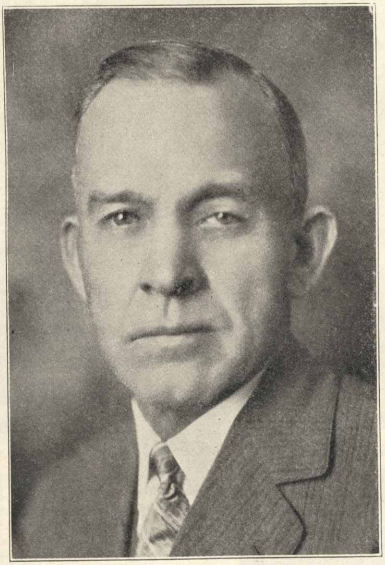
Many start, in the belief that there is a royal road—a nigh cut—jay walking in modern auto parlance.—The woof and warp in this type lacking the amperes charged in the inexorable command,

"Thou shalt keep everlastingly at It."

All of the outstanding characters, from the beginning of time, have combined native talent and energy—a real head and two hands—as the vehicle of their success. They were seers of things to come — men of great courage, and broad perspective.

We have in our mind a man who measures up to this standard. A man who started as a poor boy working on a farm—plodding through sleet and blizzard to a country school — starting on public work as a time keeper.

You have already guessed who this man is—you recognize him without being named–we mean Ben Crowe—our Ben Crowe — President and Manager of the Indiana Oolitic Stone Company—with one of the largest stone mills and cut stone plants and 1500 acres of stone land holdings at his command—right here at Ellettsville.



An engaging story is nestled in the back ground of Mr. Crowe. He is 55 years of age—aside from a sprinkling of gray and a few well defined lines he doesn't look it. He started teaching school when a boy. He worked his way through the State Normal, and got along so well teaching that the folks wanted him to stay put. He had visions of bigger things. Recognizing the possibilities of the stone business, he sought employment with a view to learning the business. He secured employment at Romona as time keeper from Walter Kessler. Mr. Crowe did not last long in this capacity, as Mr. Kessler recognized he had stored up value for higher work, and put him in the office as bookkeeper, and later as estimator.

Needing a man as superintendent of his Stinesville property, Mr. Kessler transferred Mr. Crowe to Stinesville. Duly installed here, with a free hand, Mr. Crowe began to hunt for big game. He landed the post office job at Richmond—in those days a big job. When Mr. Crowe took charge at Stinesville he found things somewhat "mussed" up, but he soon had the "corrugations" smoothed out. He pushed the Richmond job out and made the company pretty fair money. His next contract of big dimensions was getting out piers for the Thebes bridge over the Mississippi for the Illinois Central. In this job there were six piers; three of them, numbers 3, 4 and 5 being 165 feet high from the bottom of the river.

Mr. Crowe said they rushed him on this job, and it made "his head swim" to get the stone to the contractors as rapidly as needed. "Knowing the importance of prompt delivery, the stone was sent out on time, by a light squeeze," said Mr. Crowe, with a smile, as he lighted a fresh cigar.

Mr. Crowe left the Kessler company, and took employment with W. McMillan & Son, at Bedford, one of the largest plants in the district. He became vice-president and general manager of the company and served in this capacity for 18 years.

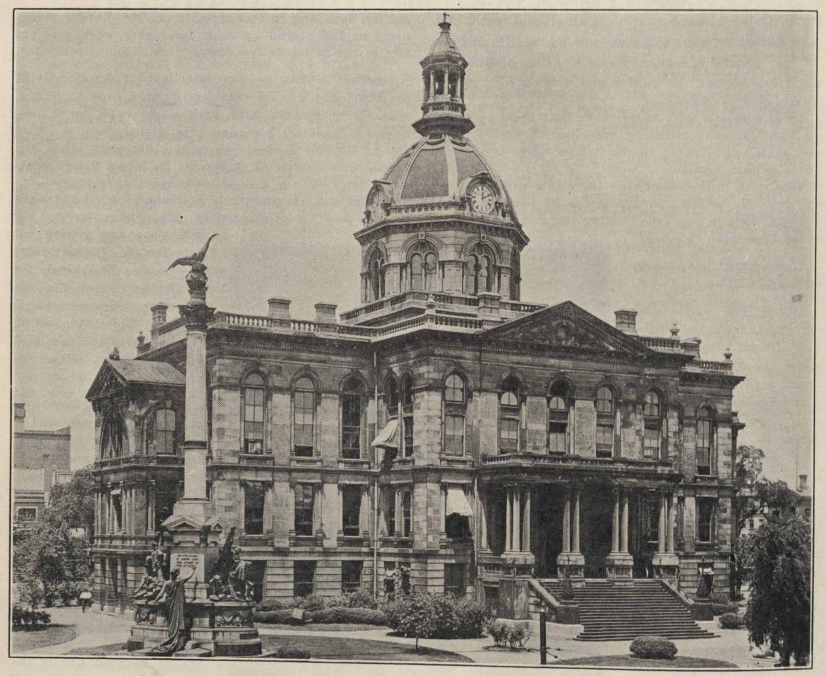
While the dating of Mr. Crowe's entry in the stone business does not reach back far, as time is reckoned, yet in point of stone development, it was in the days of pioneering in larger expansion. At the time Mr. Crowe became manager of the McMillan properties, many sections of the country were just beginning the use of Indiana Limestone.

The great Pacific coast region was practically undeveloped. The first large jobs in that district were the Court House at Portland, Oregon, the Presbyterian church at Los Angeles, and the Library Building at Seattle, Washington, structures that Mr. Crowe quarried and fabricated at Bedford. The development of this far

(Continued on Page Fourteen)

# PEORIA, ILLINOIS COURT HOUSE

## First to Use Our Stone



Stone from Quarry and Mill of John Matthews & Son, Ellettsville, Indiana.

The above 4 gang mill was erected by John Matthews & Son in 1864—The first Mill in the Oolitic field.

The Peoria Court House, was among the first court house jobs in the United States to be trimmed in Indiana Oolitic Limestone. The stone was quarried by John Matthews & Son, at Ellettsville, and was the first big job the firm ever undertook.

The body of the building is Ohio Sandstone. The trim embraces window sills, window jams and window heads, columns, caps and column bases, and is in good condition. The building was commenced in 1876

Peter T. Matthews was manager of the business at that time. After returning from the army he and his brother, William N. Matthews, joined their father, John Matthews, and soon a four gang mill was built. The picture of the mill as shown on this page, was the first stone mill ever erected in the stone belt.

At that time the firm was quarrying stone where the present large mill stands, and the stone in the Peoria court house came from this point.

During these pioneer days John Collett, the first state geologist who ever took any interest in our stone, frequently visited the plant, and watched its development with much interest.

# For Fifty Years a Car Blocker

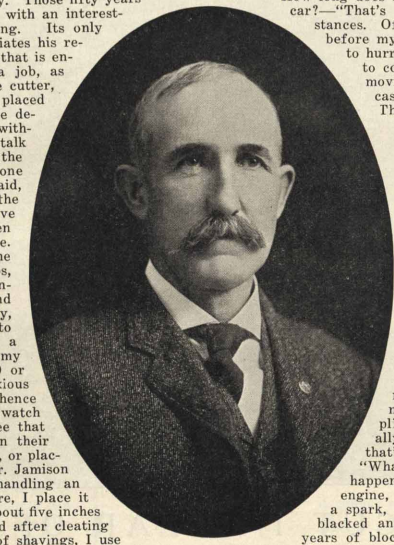
## STORY OF JAMES W. JAMISON

EMPLOYED BY MATTHEWS BROS. HALF-CENTURY

FIFTY YEARS a Car Blocker!!! What's a Car Blocker?

A car blocker is the one to whom the care of packing the stone on the car for shipment is entrusted.....You have often noticed how nicely Sunkissed oranges are individually done up in paper wrapping for protection.....Washington apples on our market, and Indiana apples on the Washington markets. are carefully wrapped in paper to keep them from rubbing or resting against each other, that injury and rot may be avoided.

Well, a car blocker's job is to pack the stone so it will go on its journey and reach its destination, often thousands of miles, without injury. Those fifty years of car blocking are fraught with an interesting story; sometimes thrilling. Its only the man who deeply appreciates his responsibility, and is capable, that is entrusted with this sort of a job, as the finished products of the cutter, carver and planerman are placed in the blocker's hands to be delivered to the contractor without injury.....In a recent talk with Mr. Jamison about the percentage of loss on the stone in transportation, he said, "The percentage of loss to the company for whom I have worked fifty years, has been very small, almost negligible. As a young man, under the instructions of J. K. Phipps, then superintendent, I learned the best way to place and pack stone to 'ride' safely, and now when I take into consideration that often a carved figure entrusted to my care may be worth $4,000 or $5,000, I am mighty anxious for its safe delivery, and hence use my best judgment, and watch the hookers closely to see that there is no carelessness on their part in smashing a 'corner', or placing a piece wrong."....Mr. Jamison continued—"When I am handling an expensive piece of sculpture, I place it on the corner of the car, about five inches from the side and end, and after cleating the figure on a good bed of shavings, I use shavings and excelsior for packing."....To the suggestion that such a piece might be crated to good advantage, Mr. Jamison replied, "No, that's not necessary, and would be no advantage, and very expensive. I remember once the firm was asked to bid on a job that was to go to Honolulu, the contractor requiring every piece to be crated. Mr. Matthews turned the job down, refusing to crate it."



In packing the ordinary mixed car of cut stone, carved panels, etc., the veteran blocker was asked to describe his method. With a twinkle in the keen eye of the old blocker, he said, "Well, things are different now to what they were back when I first packed stone. Then excelsior was about the only sort of packing we had. Now we buy baled shavings by the car, and also buy padding by the car. This padding is paper bags, filled with excelsior. In bedding down stone I first place shavings on the floor —a sufficient bed of them— then my first layer of stone goes down, about four inches from the side and five inches from the end of a car. I always look to see that the sides and ends of the car are in good shape, and occasionally refuse a car that is not right. After the first layer is down, I use the paper padding on the stone, place skids down, paper padding on the skid, then I am ready for the second layer, and so on, using plenty of shavings between the ends of the stone. Sometimes we use dust from the planers, but that is expensive on long hauls—too heavy."

What do you mean by skids, Mr. Jamison?—"Well, that's ordinary lumber, one-half to an inch thick," and he gave us the "once over" as much as to say, "aint that a rather foolish question?" "These skids," continued the blocker, "properly placed protect the edges and corners of the stone, assuring safe delivery."

How long does it require to block the ordinary car?—"That's indefinite; depends on circumstances. Often times the stone train arrives before my work is completed, and I have to hurry around, and sometimes I have to continue my work as the train is moving out—go to Gosport or Greencastle, occasionally to Lafayette. There is more excitement in this than I like, but the car has to suit me before I quit it."

"You've often heard how the old stock buyers used to ride a hog car into the market. Well I got one thrill in this car riding I wont forget. I rode'er into Lafayette, and it was by the 'skin' of my teeth I was able to unload myself, just as the outfit was pulling out for Chicago. I didn't want any duplicates on this car and was determined to see she rode right."

"Duplicates," What's that Mr. Jamison? "Well, you see, if the stone is damaged, and the contractor wont receive it, it must be done over, and I pride myself that seldom I've had a duplicate to contend with. Occasionally we may have a burn out, and that's bad."

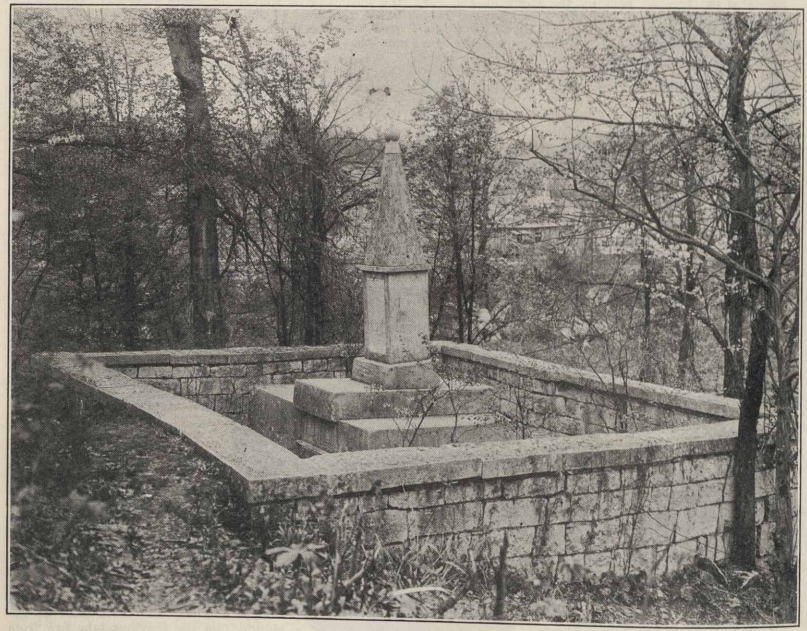
"What's a burn out?" "Well' that happens when the car is close to the engine, and the shavings take fire from a spark, and burn out. The stone is blacked and not receivable. In my fifty years of blocking I have had two burn-outs. Heavy loss, but it was not my fault, and the company did not blame me with it."

"As we get along in life, we continue to have new experiences," said the man whose life-work has been devoted to safe delivery of the valuable product. "Last week we had a shot job, and it had to be colored to make it look ancient," and with a big smile, Mr. Jamison continued, "A shot job is where they want the face to look slightly rough, and shot are fed into the saw as it goes through the stone. Then to make it look brown and old, we put shavings on the stone, turn water on, and stain the stone from the shavings.....Some of the big jobs that I am proudest of were the Elks' Memorial, Chicago, the Princeton University Chapel and the Scottish Rite at Indianapolis, and not a duplicate in either, and the finest sculptured work ever produced in stone."

Mr. Jamison is on his job early and late, and never pays any attention to the hours. His ambition is to do it right. He is a fine example of our policy, that one job is as important as another, if the entire organization is to maintain maximum strength and production.

# DR. WINTHROP FOOTE'S TOMB

## Cut in Huge Boulder Outcrop



## TOMB CUT IN YEAR OF 1840

In 1818, or thereabouts, Dr. Winthrop Foote located at Bedford. In 1832 the Doctor went to Louisville, Ky., and interested a stone-cutter by the name of Toburn in the possibilities of the deposit of limestone at Bedford for building purposes. Mr. Toburn returned with him and located at Bedford and was probably the first stone-cutter in Lawrence County. Several specimens of his work still remain, the most interesting of which—the Foote vault which he cut in 1840.

This vault is cut from a huge boulder outcrop which lies in the position in which it was left by the erosive action that carried away the surrounding ledge of rock of which it formed a part, on the eastern slope of a hill overlooking what is now the "Blue Hole" quarry, about a mile from the center of Bedford.

A brother of the doctor, Ziba Foote, while acting as a government surveyor, in 1806, had been drowned, in what is now Foote's Grove Pond, and was buried on its banks. As soon as the vault was completed Dr. Foote had his body exhumed and re-interred in this vault, and here also Dr. Foote was buried in 1856. It is said the doctor selected this spot because he wished to be buried where it would always be quiet. Undoubtedly it was so in his day, but now—a railroad runs but a short distance west and above the vault, another railroad is not far distant to the east, while the Indiana Limestone Company's "Blue Hole" quarry, with its channelling machines and its steam derricks and railroad tracks is but a few hundred feet away and directly in front of it and there is also a stone cutting mill within a stone's throw of the tomb.

# Trend of Business Indiana Limestone District

R. M. RICHTER, Vice-President, In Charge of Sales Department Indiana Limestone Co.

DURING the first six months of 1929 the amount of cut stone work booked in the District is of almost record proportions. As against that, it must not be overlooked that the productive cut stone capacity is also of record proportions, the highest in the history of the District, substantially greater than a year ago and the year before that. Therefore, there is required a constant volume of business in the way of cut stone work far beyond anything which the District has considered normal in the past.

According to government figures covering a period of years, the shipments of stone out of the District formerly averaged about two thirds rough and sawed, one third cut ready to set. While, as stated, the cut stone business has been greater than in the past, the opposite is true, speaking of the District as a whole, with block and sawed shipments.

Building generally over the country is more than 10 percent below last year's volume up to the mid-summer period. In terms of percent, that may not sound like much, but in terms of dollars 10 percent in six months is, roughly, $300,000,000.00.

Fortunately, almost all of the shrinkage in building activity has been in the small range of work, that is, residences and propositions which are not large per unit of construction. Big work has increased in volume, but not enough to offset the shrinkage in the small work.

The fact that small work over the country has declined accounts for what loss there has been in the District in block and sawed business. Cut stone contractors over the country are largely dependent on smaller operations and when they drop off the city cut stone contractors' business shrinks in proportion and that, as stated, reflects itself back in the District in reduced block and sawed shipments.

The outlook for the balance of the year is more than encouraging. A better feeling seems to prevail in practically all sections of the country and fundamental conditions fully support favorable anticipations. But it will require close application and intense effort so that the results the second six months of the year will bring up sales for the year as a whole to a normal basis.

As always, prices quickly reflect doubt and uncertainty. They should likewise promptly reflect confidence. A few more months will tell the story. We shall then know whether good business judgment has prevailed. This means, among other things, that those who stand in a position of stewardship for their partners, i. e. employees and stock holders, have exercised that responsibility wisely.

* * * * *

Safety is constant care of one's self and continuous thought for the welfare of others, in order to prevent accidents and to enable individuals to remain physically whole and 100 per cent efficient.


REPUTATION

IT has been said that character is what a man is and Reputation is what the world thinks he is.

A good name is a priceless possession. It can not be bought. It is ours to make or mar as our daily lives and inclinations reveal to those around us the true nature of what we are.

Money or property when lost can be replaced with equal value but a good name once destroyed is almost beyond restoration for confidence is the regard of duties met and trusts fulfilled. It is slow in the building but can be undone by one unprincipled act. A man may be poor in monetary values but if he is blessed with the respect and confidence of his fellow men he is rich beyond estimate and his future certain and assured.

An enviable reputation may perhaps be temporarily built on fraud, but as such it cannot endure for no individual or institution can continue in public confidence and lack in real character.

It has been from the very beginning of this organization our aim to build a reputation sound and enduring for integrity and reliability. To the extent that we have succeeded we are justly proud and that good name will always be guarded as our most valuable asset.

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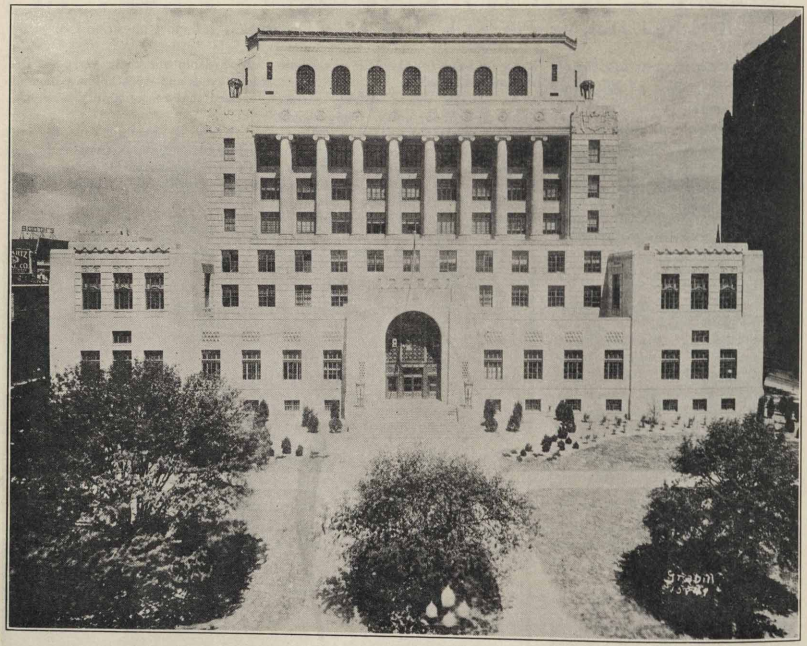
# CADDO PARISH COURT HOUSE AND JAIL - Shreveport, La.



ARCHITECT
Edward F. Neild, Shreveport, La. - STONE Select Buff Indiana Limestone - BUILDERS Glassell-Wilson Company, Shreveport, La.

CUT STONE CONTRACTOR
Indiana Oolitic Limestone Company, Bloomington, Indiana

## Made History in Stone Business

(Continued from Page 9.)

away field, has become large buyers of our stone product, and may be traced to the energy and business acumen of Mr. Crowe, and stands as a monument to him as the pioneer in the larger development of the Pacific field.

Five years ago Mr. Crowe took over the presidency and general management of the Indiana Oolitic stone properties at Ellettsville. From a small beginning those five years have seen the plant grow to one of the largest mills and cut stone plants in the district, with their large number of acres of stone land holdings a valuable asset to their company.

To the vision of such men as Mr. Crowe the phenominal development of this colossal industry owes its development. He is an outstanding character in the field. Endowed with a great mind, read to grasp conditions as they arise, and meet them in a large way, unguided by precedent, he has risen step by step upon the basic, foundational principles under lying commercial and physical endeavor, reaching potentialities in his field, that places him on the top rung.

Mr. Crowe's fine, democratic personality has made him a leader of men, his splendid relation always preserving an even keel with his employees, and from the office clear down the line to the man in the hole with a wheel barrow he is simply "Ben," holding deeply their esteem and devotion.

* * * * *

## Wins $25,000 Prize for Temperance Plan

Franklin Chase Hoyt, presiding justice of the New York children's court, has been announced the winner of the $25,000 prize contest for the best temperance plan fostered by the Hearst newspapers.

The plan, in brief, suggested a repeal of the Volstead act, and a new congressional definition of intoxicating liquors, which would make possible light wines and beers under state control.

# Ledge, Drafting Room, Quarries, Mills

## Shop Notes of the District

H. A. Woolery & Son, have just installed at their quarry a new tall derrick, the mast being 115 feet in length with boom 100 feet. In a recent conversation with Mr. Charles Woolery, he stated the tall derrick was of much greater utility than the average 70 or 80 foot derrick, having double the stacking quality of the average length. Mr. Woolery said President Harry Johnson, of the Bloomington Limestone Company introduced this type of derrick in the Monroe county district, and at the time of the introduction, operators and ledgemen doubted the advisability of such a derrick. Mr. Woolery said experience had proven beyond question the wisdom of Mr. Johnson's action. As a result several of the Monroe county plants are installing this type of hoist.

* * * * *

The new plant of Walker Brothers is very busy, and adding new equipment. They are running day and night. Last week they installed one of the largest lathes in the district. Senator W. B. Hoadley is Secretary-Treasurer of the company. Wherever we find the name Hoadley in this section it is linked with the stone industry. Mr. Hoadley says his company has plenty of work, and gives it as his opinion that the balance of the year will afford big business for all the companies.

* * * * *

The Carl Furst Company is opening a quarry on their recent purchase of the Pearl Neill property, adjoining H. A. Woolery & Son on the south, and the Maple Hill land on the north. Laying track to the quarry began July 15. The stripping was done, and equipment is being installed. It is a strong Bedford company entering the Monroe county field.

* * * * *

The Victor Oolitic is now stripping an acre on which to place a dozen of their machines. The dirt was hurried away by the hydraulic system and now air dump cars are being loaded and taken to the dump with a locomotive. This process removes the top at minimum expenditures, and moves the machines from one ledge to another without delay. One of the latest installments of machinery here is an Ingersoll-Rand tool sharpener.

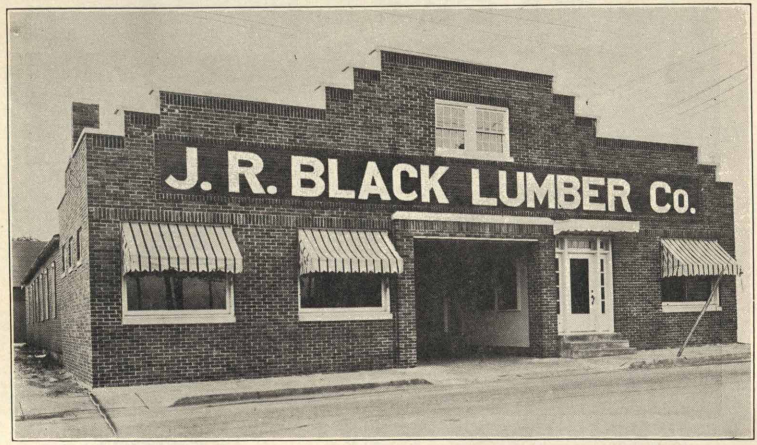
* * * * *

Frank Ridge, Superintendent of the Reed-Powers quarry, three miles south of Ellettsville, had the misfortune to fall recently and break his collar bone. With characteristic nerve, this veteran quarryman, underwent repairs, and was soon with the men again. This new property is showing fine ledges of buff.

* * * * *

One who will make the rounds of the mills and quarries will get some idea of the part that the automobile plays in the business. Of the six

(Continued on Page 50)

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KIND OF STONE
Variegated, from the Quarries of the Indiana Limestone Company

# Among the Cutters---Pneumatic and Mallet Must Have Both

[BY ONE OF THE CUTTERS]

THE first installment of the "Mallet, Chisel and Pneumatic Tool," had, for its closing sentence—"The condition of the stone cutter was never better than it is now." On further reflection we find many angles from which the present condition of the stone cutter may be viewed and no doubt many different opinions would be expressed on that point if it were possible to hear from the majority of stone cutters. The fact is, one is touching on a delicate subject when writing about a man's trade—the only vocation from which he earns his living. It makes no difference what he is using to cut stone with—the mallet or pneumatic tool or, where he is working—in the stone belt, or throughout the United States or Canada—the stone cutter knows about the general conditions in the district where he is employed and we imagine he would be pleased to figure on a few things and size up stone cutting conditions in general before judgment is passed. Anyhow the statement in a previous article that, "the condition of the stone cutter was never better than it is now," takes in a broad field. However, the "Mallet" is a part of our subject and one on which we will add a word.

The stone cutters using the mallet to cut stone in this day and age are still proud of the fact that they are "Mallet" men. The "mallet" man has a real sure enough trade, a trade that takes years in which to become proficient, that is, to become a real mechanic. A boy learning stone cutting with a mallet and chisel serves four years apprenticeship and he is then entitled to a traveling card. He's a full fledged Journeyman stone cutter but after he has traveled a bit—say five years—he'll have a few tricks up his sleeve that he didn't have when he first "hit the grit". It is a fact, however, that there are a few boys who are exceptionally bright with the result that they soon make splendid stone cutters, even before their time is out.

About the same thing can safely be said of the boy with the pneumatic tool. Some are brighter than others—possibly not in all things—but they "catch on" quicker and make better air hammer men—at least they develop sooner. Then again, don't overlook the boy who is slow at first with the air hammer, for when he does

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develop to the point of a Journeyman "air hammer man" as a rule you'll find him proficient.

But, refering again to the mallet man; the sphere in which he radiates —in other words—a few? places where the mallet and chisel holds full sway.

We'll take Indiana, the state in which there exists one of the largest —if not the largest—stone industry in the world. If we simmer it down a little we could safely say that Indiana is the home of the biggest stone industry in the world under one head —viz: "The Indiana Limestone Company," a forty million dollar merger, extending from Bedford to Bloomington. This huge concern employes over 600 stone cutters and carvers and every stone cutter and carver in their employ uses the "pneumatic tool" the latest and most up-to-date device in stone cutting. There are other stone mills—some independent mills, and one other merger, the Bloomington Limestone Co., with a capitalization of several million dollars in which all of the stone cutters and carvers of Bedford and Bloomington Stone District cut and carve stone with the pneumatic tool.

Now with all this wonderful showing for the stone business in the stone belt, the mallet hasn't got a ghost of a show. Well—no—we'll take it back, the mallet does have a ghost of a show. The planermen use it, and the cutters have a mallet stickin' around in case the air compressor balks, and ceases to compress—for you can't operate a pneumatic tool without compressed air. It is then, when the air compressor balks that the old time mallet comes in to play, for the cutters and carvers must take up the mallet 'til the air compressor is repaired. Sometimes a half day is required, or perhaps more, to make repairs.

Then again, the mallet comes in handy on the car—cutting anchor holes when the hose for a pneumatic tool isn't long enough to reach said car. And there is another ghost of a show for the mallet, and that is when the firm sends a man out where a building is under course of erection. This man must be a mallet man. He is sent there to do necessary trimming of stone—stone perhaps damaged in transit, unloading, etc.—and he usually remains at the building until the stone part of it is fully completed.

So much for the mallet and mallet-man in the stone belt. We must leave Indiana now to find a show for a mallet man, and play like we are over in Ohio looking for a job cutting stone. Take Cleveland for a starter. About the first thing the "gaffer" will ask you over there is—viz: "Are you a 'mallet man?' " If you answer "No," the "gaffer" will say, "Nothing stirring." He might change his mind, however if he needs cutters badly, and say—"Well, if you can use the air hammer we can give you a job cleaning up a bit." "Cleaning up" is about all the stone cutter uses the air hammer for in the Cleveland District, especially on sand stone. The mallet and chisel is used in nearly all sand stone districts, and about 75% of the cutting is done by "mallet men." When you stop to figure out how many sand stone districts there are in the United States and Canada together with all kinds of native stone (home grown stone) on which the mallet man wields the mallet you get an inkling of about how

Charles Gilbert Shaw, Photographer

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many mallet men there are in the United States and Canada. There are a whole lot of pneumatic tool stone cutters who don't know to what extent the mallet and chisel is still used. We believe it is safe to say that there are comparatively few pneumatic tools in the Old Country. You might find them in monument shops, used on marble, or in mantle shops, and there may be a few pneumatic tools used in Italy on account of the marble being used so extensively, and on which this tool does wonderful work.

About all the real stone cutting done in the "old country," in England, Wales, Ireland, Turkey, Italy, Russia, Germany, Greece, Africa, India, Spain, and all South America and Mexico is done with the mallet and chisel. Even the "totem poles" in Africa and India and among the American Indians are cut and carved with mallet and chisel.

Now to have a better understanding it may be well to say that we have no crow to pick with the pneumatic tool. That tool is thoroughly established in the stone belt, including Bedford, Bloomington, Ellettsville, Stinesville, in fact, all the merger mills use it as well as the independent mills.

Now before we wind up on this article it seems as if I've just got to pay my respects to Solomon again, for Solomon was a mallet man too, for that is where I got my toe hold for this "masterpiece." We have been informed through a sort of grape vine way that before Solomon completed his temple, or about completed, maybe a few anchor holes to cut yet, or trimming to do, that he got in a row with the stone cutters, over some dang fool thing, and the stone cutters, of course, not being any too tame, came right back at Solomon and it is reported through the same grape vine way that the stone cutters "acted up" a bit.

Anyhow, Solomon being the big chief told the stone cutters where not to park and sent them on their way. The book says he put a curse on them, viz: "The stone cutters shall from here on in, be the leading tramps of the earth."

Of course Solomon just took a shot at that curse business—I don't really think he meant it—but say boy, that wise old bird came near hitting the bull's eye—for stone cutters have been drifting here and there ever since. I think about the first sign of better days to come showed up when they started on the Huntington, Indiana, Court House.

But to revert back to the fuss Solomon had with the stone cutters. We just don't know for sure how the stone cutters approached Solomon or what they had to say to him—but evidently the stone cutter had a real grievance. They might have wanted more money—shorter hours or a half holiday on Saturday. One just can't figure out what a stone cutter would want in those days. There is just no telling with any degree of accuracy. But it would be fairly safe to say that his grievance milled around better conditions of some sort. Maybe some of the tents were leaking. (Stone for the Temple was being cut at the quarries and tenting out that way made things s l o p p y) or it might have been that they were kicking for mahogany mallets instead of fig tree ones. And again they might have bucked against the grade of food, Solomon was doling out, bad grade of bacon and beans or stale goat meat. It's just blamed hard to tell

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what the row was about, somebody might have found a thumb-stall in the soup. We feel tempted, however, to give a guess that a few, very few, of the cutters were growling about a deficiency in spirits of fermenti. On the whole we feel that the stone cutter's grievance with Solomon was fairly well founded. It is difficult, however, to arrive at a definite conclusion as to who was to blame in this row—Solomon or the stone cutters. But if the stone cutters actually demanded mahogany mallets to work with instead of fig tree ones, why, it looks bad. And again, if Solomon did not furnish sufficient goat meat to that bunch of stone cutters, living in tents out at the quarries, and an occasional smile of spirits of fermenti, so far as we are concerned, it is just too bad for Solomon. Anyhow the general results of this fuss between Solomon and the stone cutters benefited the world at large, for since Solomon sent the stone cutter out with a curse on him and to represent the tramps of the earth—the stone cutters have lined the whole European country with beautiful stone buildings, stone castles, cathedrals, palaces for kings and queens, and all manner of royalty, and what not. Last but not least the United States and Canada have been supplied with wonderful structures of stone, court houses, state houses, University buildings, palatial homes, churches and libraries. All this is a gallant array of architectural genius, —stone buildings fashioned by mallet and chisel by the stone cutters and stone carvers.

Must we thank Solomon?

* * * * *

## Ban on Mexican Labor Urged by Secretary Davis

Vigorously attacking the inflow of immigrants into the United States by way of the Mexican "back door," James J. Davis, secretary of labor, urged a tightening of immigration laws affecting other countries and a stringent ban on Mexican labor, in an address at the annual convention of the National Association of Foremen at the Claypool hotel, at Indianapolis, recently.

Secretary Davis condemned what he termed the policy of the government in allowing "cheap labor to come in from Mexico and displace the Americans who should be filling the positions."

"Under restrictive immigration we will be able to find jobs for the 2,000,000 Americans who are coming of work age each year and for those who are displaced by the inventions which are revolutionizing industry," he said. "I believe in the restricted immigration, but while we are guarding the 'front door' against other peoples, through the unguarded 'back door' of the Mexican border are pouring thousands of Mexicans who absorb the employment in this country at a cheap wage.

"I want to tell you that it takes brain to be a laborer to-day. The Americans who are displaced by machinery and the poor we already have are being undermined by this flood of cheap labor. Keep American industry happy and at work. Close the 'back door' as well as the front."

* * * * *

A Confederate officer's sword has been presented the Richmond (Va.) Confederate Museum by the widow of the captor, Colonel Archibald Hopkins, of the 37th Massachusetts volunteers.


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# New Interstate Lines Being Built to Bloomington

PLANS for the improvement of facilities for serving the city of Bloomington with electric light and power service were announced recently by the Interstate Public Service Company of Indianapolis.

To meet the increased demands for electric power in Bloomington, the Interstate will construct a new 66000 volt high transmission line to be connected with power sources at Indianapolis. A large modern substation also will be built southwest of the city. The present substation equipment will be moved to this new location. Work is expected to start at once and it is estimated that the time required for this new construction will be six months. The total expenditure for this new and greater artery to the present transmission system and new substation will be in the neighborhood of $500,000.

The new substation will be the most modern type, complete with all the latest equipment. The hi-line will be built from Indianapolis to Bloomington by way of Martinsville. The line from Indianapolis to Martinsville will be constructed by the Wabash Valley Electric Company. The line from Martinsville will be constructed by the Interstate at a cost of approximately $185,000.

The new construction is in line with the Interstate policy of constantly improving service and of having the equipment necessary to take care of the ever-increasing load. At present Bloomington is being served with electric energy from several sources. A 33,000 volt line now comes in from Indianapolis where there are various energy sources tied in together. Bloomington also received power from the steam generating plant of the Interstate at Edwardsport by means of a 33,000 volt line through Bloomfield. In addition there are two other 33,000 volt lines from Bedford, connecting there with lines from Louisville and Edwardsport.

The steadily increasing power load at Bloomington and the constant use of more electrical energy in the stone mill district has made it necessary to have a greater source of power ready for distribution at this point. The new 66,000 volt line will be a complete circuit and will be built directly across country.

The new substation will be an outdoor steel sub arranged for 66,000 and 33,000 volt lines. The plant will be located south and west of Bloomington on a plot of four acres now owned by the company. The present substation, which is practically in the heart of the town, will be discontinued in favor of the more desirable location.

Installed in the new substation, besides the present equipment which will be moved to the new location, will be a 5,000 kilowatt synchronous condenser. This piece of equipment, which is one of the more recent improvements in electrical construction, acts in the capacity of stabilizer for the whole transmission system and improves the voltage conditions in the territory served. Provision has been made for a similar condenser to be installed at a later date. Also included in the new substation will be two banks of three new transformers, each transformer having a capacity of 2500 kilowatts.

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# AS THE EDITORS SAW THE QUARRIES

## Pleased With Bedford Entertainment

THE mid-summer meeting of the Republican Editorial Association at Bedford, June 26-27th, was considered the most interesting in the history of the Association.

The editor of Quarries and Mills requested the editors attending to send copies of their write-up of the meeting, and we have more than a dozen papers from different sections of the state, each containing an interesting story of their visit. The stories are very similar in text, just treated differently by the individual writer.

To avoid duplication, we are cutting out sections from each of the writers, with a view to having one coordinated story, with the various phases as a component unit in completing a well prepared story from start to finish.

### Know Indiana

Mr. Edward E. Neal, Editor of the Noblesville Daily Ledger, very interestingly goes to bat in the opening chapter in the following way:

"Hoosiers are gradually awakening to the fact that this state is one of the most wonderful of all the states, not speaking particularly of the people and their characteristics, but of the natural resources of the state.

"For the past few years the newspapers of Indiana have been preaching to the people to "Know Indiana," and this constant agitation has borne fruit and now it is known, as never before, that Indiana has about everything that all the other states, collectively, have and in many cases has them in greater abundance.

"The recent meeting of the Indiana Republican Editorial Association was held at Bedford, Indiana, as the central meeting point, and the exhibit of the resources of Indiana in that particular region was an outstanding event in the lives of the editors, many of whom had visited every section of the State and many every county of Indiana. But, even visiting a particular county does not give the full understanding of the resources of that particular county.

"Bedford is the very center of the production of limestone of the world. There are few great quarries of this stone in the world, and the section of Indiana which produces the stone is the greatest of all, and it is shipping to all parts of the world this stone which is found to be the very best for the construction of buildings, great and small. Just now the great Department of Commerce building at Washington is being constructed from this stone, as are many other great buildings of the country and of the world."

W. M. Pershing, the oldest and most distinguished looking of the editors, in writing to the Tipton Daily Tribune, writes of the Mill Spring Park:

"Upon our arrival at Bedford, we were at once taken out among the hills and caves, a distance of about twelve miles to the Mill Springs park, recently acquired by Richard Lieber, director of the state conservation department, there being about twelve hundred acres in the park. Here we began to see wonders and appreciate the value of history. Here is a three story stone grist mill, built one hundred and twenty-seven years ago. The old mill is still standing, as are the piers that sustained the water-

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way of mill-race from a cave about four hundred feet distant and at a height of about twelve feet. I have seen many mill races but this is the first time that I ever saw a mill race or waterway built twelve or fifteen feet above ground. The piers are still standing though the water-way has been destroyed. It is known as the Haner mills, built by a Scotchman who came to America more than one hundred and thirty years ago. At about the same time, a man by the name of Donaldson, a Scotchman came and settled near the same place. He was attracted to the location by the wonders of southern Indiana, such as did not exist in Europe, Scotland or Great Britain. Stone mansions were constructed; stone store rooms, business houses and other buildings erected, the intention being in making it a great community center. The buildings are now in ruins, however, Mr. Lieber is causing them to be rebuilt and restored to their original condition, to be enjoyed by present and future generations. Not far distant from the mill, is the ruin of the Donaldson mansion which also will be restored to its original condition. Down, down, down the hill is the mouth of the awe inspiring Donaldson cave, out of which flows a perpetual stream of water. It is worth while to slide down this hill and climb back to look into this cavern. The rushing, gushing, boiling and turbulent waters coming from a blind river from within the very bowels of this unfathomable cave. Within the next few years, all these ruins will be restored and given over to the people of the state, free of charge."

Mr. Raymond H. Sellers, one of the editors of the Franklin Star, enjoyed the Banquet at the Greystone Thursday evening, and like all well fed editors, was in jolly good humor. Of Col. Lieber's address; Mr. Sellers writes:

"In his address Col. Lieber compared the building of the Cheops pyramid to present day operations in the Bedford limestone district. We have not checked him up on his figures but as the Colonel is a real scholar we will bank on their correctness. Here they are.

"The Bedford limestone quarries are the largest limestone quarries in the whole world. In fact there are but four places in the world where building limestone is found and Bedford is one of them. The others are in England, France and in Egypt and the Sphinx and Pyramids and the tombs of the ancient Egyptian rulers were built of Egyptian limestone.

"In the Bedford district, some 25,000 car loads of limestone are quarried every year. You marvel at the magnitude of the operations as you view the wonders of modern machinery. Yet the Cheops pyramid of Egypt contains the equal of 110,000 car loads of limestone and was brought a distance equal to that between Chicago and Newark, New Jersey. To put it another way, if the Cheops pyramid were located in Chicago and the quarry from which its stone was taken were located in New Jersey, you have a conception of the distance the stone for the pyramid was carried. There were no railways, electricity or steam power in those days so we must take off our hats to the engineers who figured out a way to carry that amount of limestone that distance.

**Long Freight Train**

"If the stone had all been carried on one freight train of modern size, when the engine arrived in downtown Chicago, the caboose would just be leaving West Philadelphia. After assembling all of this stone at the site of the pyramids, there was still the problem of hoisting the big blocks, many of them weighing a score or more tons, to the great heights at the top of the pyramid. Yes, the men who built the pyramids were great engineers. And men in those days worked for nothing and boarded themselves. Those were the days before political parties had brought prosperity to the world.

"Building the Cheops pyramid today would require a capacity production of the Indiana Limestone

(Continued on Page 42)

5173

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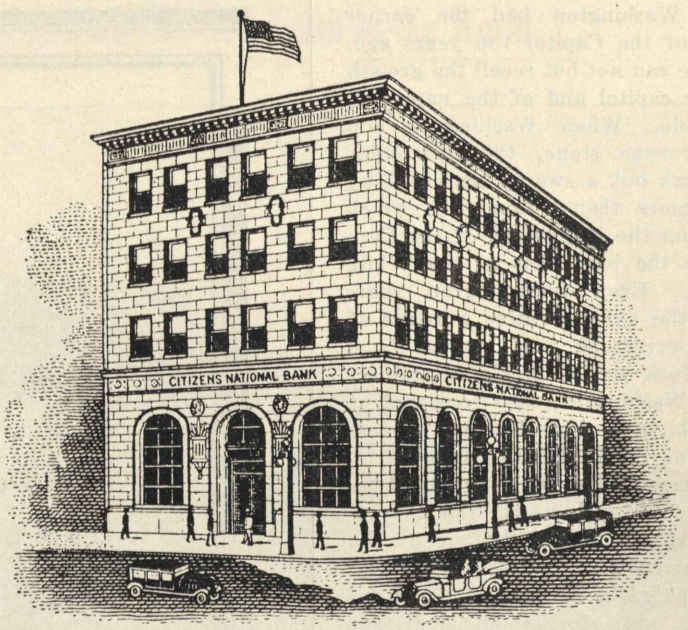


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# President Hoover Lays Corner Stone

## New Commerce Building

ANOTHER feather as a cap sheaf in the interest of Indiana Oolitic Limestone was reached when the government accepted our stone in the construction of the great Commerce Building at Washington.

The corner stone of this colossal structure was laid by President Hoover on June 10, who used the George Washington trowel in placing the corner stone in position.

The trowel now owned by the Masonic lodge at Alexandria, Va., of which Washington was a Master Mason, was used by President Washington when he laid the corner stone of the Capitol.

"We use today," said President Hoover, "the trowel with which President Washington laid the corner stone of the Capitol 136 years ago. It's use can not but recall the growth of our capitol and of the nation as a whole. When Washington laid that corner stone, this particular spot was but a swamp traversed by little more than a cow path which led from the beginnings of the Capitol to the beginning of the White House. Even when, seven years later, the administrative bureaus of the government were moved from New York and Philadelphia and set up in Washington, they consisted of officials and clerical force of less than one hundred fifty persons."

Representative in Congress Richard N. Elliott, Indiana, who has become known as the "father of the government's building program," participated in the exercises and delivered one of the principal addresses.

He told of the struggle in Congress to obtain enactment of the Elliott-Fernald building bill divorced for the first time from old "pork barrel" methods of locating buildings. Under Elliott's leadership the legislative reform was established of constructing government buildings throughout the country where most needed instead of in response to political requirements.

Mr. Elliott said:

"Under the guidance of that master genius, President Hoover, who was for seven years head of the Department of Commerce, its importance grew by leaps and bounds until its activities reach into all parts of the world, aiding our citizens to extend their commercial operations with every civilized nation. His great work in this department caused the people of the United States to elect him President. This great building is a monument to his public service."

This Commerce Building will be the largest office building in the world, and is the beginning of a government building program that eventually is to use thousands of carloads of our stone. The site for the building is at Fifteenth and B streets, and embraces about eight acres. The government will spend $17,000,000 in the construction and it is estimated around four years will be required to complete the job. When completed the building will accommodate an office force of 7000 people.

Col. A. E. Dickinson, president of the Indiana Limestone Company, who was awarded the contract, an-

(Continued on Page 48)

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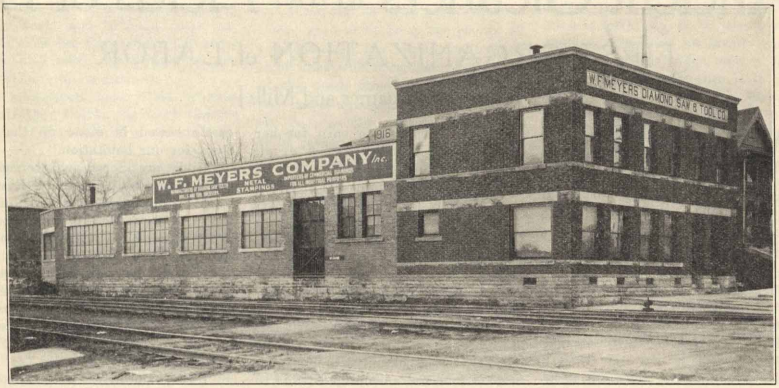


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# Ancient Gleaners in the Fields of Bo

## FIRST ORGANIZATION of LABOR

[Written for Quarries and Mills]

AT the age of 25 Hilda resided in a lowly hut, poor but beautiful, with disposition so fine, and heart and hand so helpful that she was a favorite in her community.

For the first time she became a gleaner in the field of Bo, and there she was the center of attraction. Her commanding personality, her keen mental equipment, and her excelling accomplishments on the harp, won a place in the heart of Bo, and he took her to bride.

Bo was a young man of great wealth, a worshipper of the true God, loved by his slaves, and popular with the upper set. He made much over his bride from the gleaners and clothed her in the finest of raiment.

Her sparkling blue eyes—her golden hair—her gentleness—her honesty—all conspired to earn for her the approval and admiration of all who beheld her. She had proven irresistible to Bo, who as her husband cordially met her requests. His heart and wealth were subject to her command, and her keen womanly perception was not slow to make the best of her opportunity. Her ambition to own a field and a home were laudable.

Hilda's old grandfather Caleb was a hewer of stone and a contractor. He saw an opportunity to put over a good job, and encouraged Hilda to ask for a home hewn in the rock on the coast.

"Bo, as my grandfather, Caleb, is a hewer of stone and my great grandfather, the one first to resist the King's pittance of wine and corn for his labors, I pray thee contract for a castle hewed in stone on the east coast for our habitation."

"Hilda, my adored one, thee asketh much. Hast thou considered the cost? Thou art aware that but few of the K ngs, whose authority over labor is great, can afford a home hewed in the rock."

"Bo, my dear, thou art rich in fields, and thy laborers are many, cans't not they hew out our house in the stone, under the guidance of grandfather, Caleb, whose life has been spent in the quarries."

"Hilda, thou sayest well, so mote it be. Thou shalt have domain. On the east coast near the nether spring shalt thou have thy hearts desire."

As Hilda embraced her good lover, she continued—

"Ah, Bo, how lovely. Our castle hewed in the stone shall be close to

Office Force, General Offices Bloomington Limestone Company, Bloomington, Indiana

prince Eglar, and the princess and I shall have wondrous times. She plays well the harp, I hear, and her lovely form and brilliant mind attracts even the Kings, and her winepress and much entertainment are the talk of the community."

A messenger from Hilda brought grandfather Caleb, the most famous hewer of stone in all the east country.

"Hilda, Hilda, what hast thou wrought over Bo? Consentest he to a castle for thee, hewed in the rock, and that too by the prince's castle, all in the beautiful buff, which I and my laborers wrought for Prince Eglar after seven years of toil."

"My dear grandfather, yes, Bo givest it over to me, and I delegate power to thee, to design and accomplish the construction."

"Hilda, thou art great. Thou art the picture of thy mother, long departed, and thy mind is alert as her father's."

Caleb knew a good bargain and was not slow to nail it.

Caleb planned a wonderful home for his granddaughter, even on the "east plus plan," though Bo's slaves were to be the principal hewers, under a large coterie of overseers.

The castle, or rather cave, was one hundred feet deep, by 50 feet wide, and three stories. The partitions and floors were to be from the cedars of Lebanon, and the entire walls were to be lined with the cedar. A balcony at the upper floor extended out 10 feet as a summer porch—and over the door of the main entrance was to be carved in the stone two sheaves of wheat. On either side of the entrance was a beautiful carved column and at the top nto the shape of lillies and pomegranates. In the ballroom the cedar was overlaid with gold, with 100 recessed golden candlesticks on each side—400 in number. The dining room, the same size, had the same lighting system. The long table, 50 feet in length was of finest cedar, the legs elaborately carved, and laid with gold. The bakery, with a stack through the dome of the rock was capable of 500 loaves at a baking.

The sleeping apartments were furnished with carved beds, and each room ventilated by connection, with the bakery stack.

After seven years of toil, in which Bo's laborers to the number of 500 had labored, Caleb announced to Bo and Hilda the castle was ready for the opening fete.

"Oh, Bo, my dear, grandfather has labored faithfully, the hewers always finding designs on his trestle board. He is somewhat older, and a little broken, and grandmother is in poor health—shall we not ask them to come to the castle and live with us. We will show our love and appreciation, and serve them well."

"Thou sayest well, Hilda," but at the same time Bo recognized they were undertaking quite a contract.

"My dear Bo, thou art so good. Now let us arrange the opening reception for our castle."

"Hilda, thou art thoughtful and a manager beyond all the rest. I am so busy now with the gleaners, and the construction of new barns, I have not the time to devote. Yea, thou art the one. Go ye into the affair with all thy m'ght and it will fare well."

"Bo, if thou sayest, I shall make a full 30 days of the fete, and the kings and queens, and princes and princesses of the country round about, shall come on their camels and help us to celebrate. Thy winepresses are larger than others, thy

(Continued on Page 30)


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Indiana Oolitic Limestone

# Ancient Gleaners in the Fields of Bo

(Continued from Page 27)

fields are greater, thy riches excellest, and we shall make it the occasion for the gods to talk about."

"Go to, Hilda, my dear, go to."

With the entire arrangement given to, the hands of Hilda, Bo left for the fields, where new barns were bursting with the grain.

With reasonable speed arrangements took form. The engravers on metal were sought, and 1000 invitations on gold plate were ordered. Each invitation was enclosed in a case of shittim wood. The cases had hinges of gold and gold clasps. Fifty messengers on camels, whose necks were heavily chained, bore the invitations to the invited guests. One thousand casks of wine were placed in the wine room of the castle. One thousand kids were brought in from the fields. Fifty fatted calves were plucked from the herds. Large crates of honey were stored. The castle baker was instructed to provide 1000 loaves daily. Nothing was overlooked.

But one feature had Hilda guessing—sleeping the guests, and that was easily settled. Neighborly princesses of the country side, recognizing that Hilda's castle outshown all the rest, and knowing of Bo's great wealth, desiring the friendship of the beautiful Hilda, came to her relief by placing their castles at her disposal.

Sixty harpers, in three shifts of twenty each, furnished the music.

Bo arrived from the fields barely in time to dress and join Hilda in opening the fete. The harpers were harping. The ballroom was a bower of beauty, the decorations carrying out the buff color scheme of the hewn rock. The hundreds of candles from the golden candle sticks eclipsed anything the country side had witnessed. The balmy evening air wafted the incense, and the joys, and envies, all intermingled.

"My dear Hilda, thou hast excelled them all. Thou shalt live forever," observed Bo as they led the dance. Congratulations were showered copiously and possibly jealously upon Bo and his fair bride, and the doors to the dining room on the mezzanine were flung open.

The orgie continued for a full 30 days. Guests came and went, kings and queens, princes and princesses from the far country.

The days and nights were full of interests. Barely one thing had occurred to mar the pleasure of Hilda. She detected Bo and the fair princess Atheleen too confidential. Atheleen was recognized as the most beautiful woman of all Judea, the daughter-in-law of a prominent king, whose wives numbered over 600. This fair goddess was a worshipper of Baal, and her record for beauty and a plurality of lovers was an open secret.

On more than one occasion during the open house of Bo and Hilda, was the jealousy of the fair hostess wrought almost to the breaking point by this fair Atheleen's confidential attentions to Bo.

Bo, the kindred of Elime, a worshipper of the true God, and he deserting his fair damsel for a vixen whose god was Baal, and whose record not clean.

Yes; too much for the pure Hilda. She became morose. To her life no

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longer held the spell. Doubtings and misgivings replaced her former delight in being of service to humanity.

For a long time she kept her secret. Bo at first came often. His visits became farther apart. Finally, scarcely once a year.

Reading in Hilda's demeanor that something was wrong, the wise old grandfather Caleb, pried her loose from that which she was concealing.

"Ah, Hilda, thou art pure and good, but the world, the world."

"What, grandfather, am I the dupe of a rotten world and too dumb to recognize the facts."

"My girl, thou hast been too chaste to realize what goes on. If thou sayest, we shall place a snare for the gallant Bo."

"How, grandfather, how."

"Leave that to me."

Bildad, the confidential slave of Caleb, by years of service, had both proven his valor and his reliability. On various occasions he had spied for Caleb, and was alert and safe.

"Bildad, thou well knowest Bo, and the camel upon which he journeys."

"Master, thou sayest."

"Bildad, takest thou food and provender on a favorite camel, go thou in a circuitous route to the home of Atheleen, east of the great city, the beautiful damsel who worships Baal, and stay thou there about under cover until thou observe Bo go in and out, then return thou."

After a fortnight Bildad was seen arriving in the twilight.

"Tidings, Master Caleb, tidings."

"Speak, thou."

"Master, Bo, arrived at new moon: retired first quarter."

"Thou good and faithful servant, seek thy rest."

The crafty old Caleb kept his counsel. He was too wise to give the facts to Hilda. The time was not yet for a rupture. The regulation feminine explosion produced by "affairs" of this sort, was not due. Caleb must know that Hilda had her share of the fields, the flocks, and especially the largest winepress, because he was especially long on taking good care of his appetite.

Just how—let me study—yes I have it, said old Caleb to himself. Summoning his truest servant he gave orders.

"Bildad, go thou to the far country and summon Bo to Hilda, with the word she is ill and seeks thee. Take food and provender."

(Continued on Page 34)

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# Bedford Foundry and Machine Company

5th Street and Monon R. R. : : : Phone 254

# Ancient Gleaners in the Fields of Bo

(Continued from Page 31)

"Master Caleb, thy orders shall be obeyed."

The faithful slave on this sort of mission, though innocent as to its true import, used every effort to hurry his camel, to poor avail.

Before Bo should arrive Caleb, in his usual diplomatic way, prevailed on Hilda to fein sickness, and he put words in her mouth.

Since Bo was neglecting Hilda, on his arrival she must impress him that if he still loved her, he would not hesitate to make over to her by covenant a number of his larger fields, large flocks and the largest wine-press. The castle was hers, but she needed support in case he should fall in war, and the air was then rife with fresh war propaganda.

Hilda, like her ancestral Caleb, was beginning to see and know enough of the world to take advantage of conditions and circumstances. She played her part well, and Bo, affected by Hilda's sickness, complied in every respect with her requests.

CHAPTER II

On the summer porch of the great castle hewed in the rock, Caleb and Hilda spent many evenings, the granddaughter interested in the experiences of the old stone hewer, and in the mean time learning how unholy in a general way the world was.

After Bo had departed from his recent visit to his sick bride, Caleb told the woman of Bildad's seach for facts, and then the explosion that was to expend itself on the ambient air came. Caleb knew it would, but he had no idea it would turn Hilda's heart to stone, but it did. Vengeance was her ideal. Her life became hard, her hair whittened in a night. Though fair as Cleopatra, she aged to a hag in a year. Her appearance scared old Caleb.

War, war, was all that interested her—wars past—wars to come.

Old Caleb was kept busy telling of the past. Being an old hewer of stone and a contractor he had much to say of craftsmanship.

Nothing pleased her more than Caleb's story of the early Judges, when three score and ten kings lost their thumbs and big toes as a penalty in battle.

Caleb's story of the formation of the hewers of stone into a body to demand a greater share of corn and wine for their labors in the building of the great temples and edifices of the country was always a favorite story with Hilda. As an obligation in the hewers order, Caleb told Hilda the great penalty for divulging secrets of a Master Hewer was the promise of cutting off the thumbs and big toes of the unfaithful member. At this time the building trades were in a prosperous condition, with rapid expansion and demands for stone, and hence the Order of Hewers grew rapidly, thousands joining. Caleb gave as his word to Hilda, that the Order of Hewers, was the first labor organization the world ever had, and to back up his statement, traditions from his grandfathers, all of whom were Hewers, were his authority. So far as he had been able to learn never but one member had broken his pledge, and instead of cutting off his thumbs and toes they cut off his head

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MILK MAID BREAD

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PREPARED UNDER THE MOST APPROVED FORMULAS AND SANITARY CONDITIONS.

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Phone 257 -:- Bedford, Ind.

and threw it in the sea, feeding his body to the vultures.

This was carrion for Hilda, and her perverted soul craved for more. She got it, in her anger and determination to wreck stronger veangeance on Atheleen.

Caleb recited to Hilda the tragedy of Eglon, King of the Moabites. A present had been sent by Ehud, a Benjamite, to Eglon. After the presentation of the gift in a friendly way, the treachery of Ehud was displayed. Ehud had made a two edged sword down at the quarries of Gilgal, and being a left handed man he concealed the spear under his coat on the right side. Ehud requested all the visitors to depart, as he had a secret for Eglon, and requested him to stand up, which he did. Eglon was a very fat man, and Ehud thrust the spear into his body so far he could not pull it out. Ehud hurried out, passed the quarries and escaped into Seirath. Eglon died instantly.

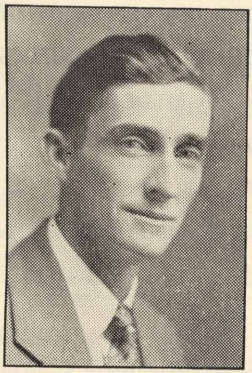
Hilda's heart heaved ecstatically as Caleb recited the fate of Sisera, when Barak, by the encouragement of Deborah, discomfitted Sisera and his 900 chariots of iron, not leaving a man of the tens of thousands to tell the story. Her mind fed on treachery and tragedy as the rose takes up the dew.

Sisera lighted down off his chariot and fled. Jeol, Heber's wife, met Sisera, and asked her lord to turn in. Sisera prayed Jeol for a little water, and she opened a bottle of milk and gave him. She covered him up, and as he slept she took a nail of the tent and took a hammer in her hand, and went softly unto him, and smote the nail into his temples, and drove it into the ground, killing him instantly.

Strange to say, the woman who was so beautiful, and loving as a gleaner, had turned her heart and hand against humanity, and especially against her rival, Atheleen, for Bo's love. She swore vengeance against the beautiful princess, whose kinship and associations placed her so close to the most prominent king of her time.

Vengeance, vengeance, vengeance, against Atheleen.

(To be continued next month.)



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PUBLICATION TO TELL THEIR STORY
TO THE WORLD, AND WISHES
QUARRIES AND MILLS
A CAREER PROSPEROUS
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WONDERFUL STONE BELT.

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BLOOMINGTON, INDIANA

The Indiana Limestone Industry means much to this community. To the Loyalty of its employees, without which no institution can progress and prosper, and to the policy of this organization in at all times rendering its customers service and a square deal, this company owes its growth from a small quarry five years ago to a corporation today capable of supplying the Largest of jobs. We have at heart the interests of this community and the welfare of our employees; with such in mind we will at all times do our utmost to further an industry that means so much to us all.

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Charles Gilbert Shaw, Photographer

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# July 8th Was Our Fifth Anniversary

## Acknowledging Appreciation of the Public Reception of Service We Offer Monroe County

It is with sincere pride that we mention the fact that this is our fifth anniversary of business in Bloomington under the firm name of Arthur Day. This has been five years of effort to offer to the public a service conforming in every particular to the patron's wishes, often unexpressed, but always understood by us.

Every day demonstration of the confidence in us, and of appreciation by those relatives whose mission we have performed, is a reward which to us is of greater value than any other thing.

With established belief that those in need of our service, look to us for performance of the duty which devolves on one of this profession, it has been our purpose to meet at all times and in full measure, the expectations of those whose calls we answer. This confidence; this desire; this sincerity of purpose, have justified us in providing the complete equipment now offered.

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Unlimited Service at Limited Expense

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# "The Art Heart of the World Can Be Indiana"

Artist members are asked to bear in mind that the annual Hoosier Salon cannot be the outstanding art event in Chicago each year unless they, as artist members send their best work of the year. People are watching the Hoosier Salon from all over the United States and in order that it may be worthy of the confidence of the public, all are asked to put their best efforts into whatever they send.

It was voted at the annual meeting, May 6th, to give every Patron a 10 per cent discount on purchases made in the Hoosier Gallery or in individual studios where artists have given their consent. Lists of these artists will be sent to all Patrons.

Sixth annual Hoosier Salon opens, Saturday, January 25, 1930.

PRIZES

The Indiana Limestone Company again offers a prize of $200.00 for the best piece of carved limestone showing creative design, (weight not to exceed 150 pounds), which can be embodied in an architectural design.

Mr. Harry Johnson, President of the Bloomington Limestone Company offers a prize of $100.00 for the best piece of garden sculpture made out of limestone.

Mr. Johnson also offers a prize of $100.00 for the best architectural ornament in the round, showing creative design, made out of limestone.

Mr. Lawrence A. Downs, President of the Illinois Central Railway offers a prize of $100.00 for the best Industrial scene painted any place along the route of the Illinois Central.

Mr. Harry Kurrie, President of the Monon Railway, offers a prize of $100.00 for a landscape in oil which portrays an outstanding beauty spot of the State. Size not to exceed 28x32. This picture may be one of the Indiana rivers, an Autumn scene, a winter picture or a painting that portrays a scenic beauty spot. Must be painted during 1928 and 1929.

The State Normal School of Terre Haute will give a purchase prize of at least $100.00. Picture to be selected by a committee from the school at the Salon, to be placed at Terre Haute.

Mr. and Mrs. E. M. Morris of South Bend, Indiana, offers a prize of $50.-00 for the best Autumn scene in oil by an artist whose entire training has been received in the State.

The usual prizes will again be offered and there will be some additional ones to be announced later.

The Hoosier Salon has become a matter of history, an annual event in the art world, to be looked forward to as the culmination of the best endeavor of our Indiana artists.

* * * * *

## "Safety First" Is Having Its Echo Among the School Children

Throughout the country, and especially at Indianapolis, the school children are responding to the precautionary work so vigorously taught by the police department, Hoosier Motor Club, and the newspapers. Claud M. Worley, Chief of Police, reports fewer accidents than in former months.

Vacation Time---

---and the Call of the Great Outdoors

Wherever you go, don't forget to Take Your Kodak With You!

THEN---When Winter Comes

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Monroe County Tire Store

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# As Editors Saw the Quarries

(Continued from Page 23)

Company for a period of more than four years. The stone would need to be quarried and cut into shape. Giant cranes, operated by electricity, would load the blocks on flat cars and mammoth mogul steam engines would pull the long trains to the site of operations. It would be no small job even today and would represent an expenditure of hundreds of millions of dollars."

Mrs. Neill D. McCallum, editor of the Batesville Tribune, was one of the visitors who enjoyed every minute of the outing. A section of her story follows:

"F. E. Schortemeier presided at the banquet tendered the editors by the Indiana Limestone Company, Thursday evening and there were after-dinner speeches by many distinguished guests, including Governor Leslie, Lieutenant-Governor Bush, Congressman Fred Purnell, George B. Lockwood, editor of the National Republic, Lawrence Whiting, chairman of the Board of Directors of the Indiana Limestone Company and a number of others.

"Mr. Whiting gave the editors some idea of what they could expect to see the following day on their visit to the quarries and mills of the company and in his talk he brought out many interesting facts relative to limestone and the company which he represented. The visitors learned that the largest limestone quarry in the entire world is one of the many quarries operated by the company; that the industry has a payroll of a million dollars a month; that Indiana limestone was being shipped to all parts of the globe for the building and ornamentation of the finest edifices under construction."

Ralph Van Valer, Superintendent of the I. U. print shop, and editor of the Gas City Journal, writes his paper:

"At nine o'clock in the morning we boarded a special train as guests of the Indiana Limestone company and went to the largest stone quarry in the world where oolitic building stone is taken for some of the world's largest buildings. Here we saw the stone cut in long strips about six feet wide, ten feet high and forty to sixty feet long or those are the dimensions as they looked to us from the top of the quarry.

"After the stone had been cut in this form it is pulled forward and laid over by means of blocks and tackles. From this position it is loaded on cars and taken to the mills where it is cut into various sizes according to the requirements of the contractors. We saw this work being done in several mills and followed the stone from the rough state until it was in the hands of the stone cutters and carvers. To the writer the stone is handled in very much the same process as the large timbers when they pass through the saw mills—crosscut saws, rip saws, circle saws, lathes, etc.

"One particular piece of work which attracted the eyes of the entire party was the carving out of a forty-ton block of stone a twenty-five ton stone eagle in perching position. There were four of these statues being cut, two of which had been completed and placed on a flat car over which was being built a special box to protect its precious cargo. One can judge the completed size when only two of the statues fill the car. There were two others in process and under the care of real masters of the stone carving art. Every cut is made according to the minutest specifications and an error or accident to this piece of art would mean the work would be rejected by the contractor. The four "birds" will grace the two approaches of a toll bridge being erected at Wilkesbarre, Pa. The cost of each of these mammoth birds is $5,000 and when they are placed on the cars the company's responsibility ceases and any breakage or damage in transit falls upon the transportation company.

"An example of this was exemplified in two large pillars over four feet in diameter and thirty-five feet

(Continued on Page 46)


# As Solid as Indiana Limestone

The OLD TRAILS Automobile Insurance Association is built on the firm foundation of a broad complete coverage at lower cost, backed by an organization of unquestioned financial strength and soundness. For your convenience a Branch Office has been established in Bloomington under the direction of Star Brown and Floyd C. (Frosty) Brown known throughout Monroe County for their aggressiveness and business ability. They bring direct to you the finest in automobile insurance service. An OLD TRAILS automobile insurance policy explains itself thoroughly. It is short, clear and to the point. Every word is easily understood, every agreement definitely made. It's just a plain, straightforward policy that all can understand. Thousands of Indiana motorists have forgotten their worries because OLD TRAILS is protecting them. They know from experience that we will settle their claims quickly and without quibbling and always with absolute fairness.

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# Record of Safety Meetings

Bowman Mill, Bloomington, Indiana, June 21, 1929. Previous meeting, May 19, 1929. Members present this meeting: Cliff Stewart, Wendell Koontz, A. M. Louden, James Walker, Wm. Dickson.

Light socket over diamond saw is shortened. Refer to Murphy. Heavy stones not to be pushed back on banker, be put on banker with wheels.

General discussion of safety.

---

American Mill, Bloomington, Indiana, June 13, 1929. Previous meeting, May 9, 1929. Members present this meeting: Wiley Brasier, Armine Alexander, Carl Koons, Adolphus Cummings, Thurman Manley, Geo. Moser, W. J. Franzmann, W. A. French, G. W. Walden.

Meeting was opened by reading minutes of last meeting by the Secretary.

Old Business:

22. Have guard on Planer No. 9 repaired. Complied with.

23. Have drag saw operator raise blade of saw every night so that watchman can walk under it. Complied with.

24. Have all safety locks on the planers checked and detemine if they are in working order. Complied with.

25. Have blocks to be sawn on gangs, set in front of track and not at side. Complied with.

New Business:

26. Cord wires on small traveller are shorting, have Mr. Murphy attend to this.

27. Have long set screw ratchet of little point saw cut off. Complied with.

28. Have heavy boards placed between planers No. 7 and 8 to protect workmen walking between them.

G. W. WALDEN, Secretary.

---

Bloomington Mill, Bloomington, Indiana, June 14, 1929. Previous meeting, May 10, 1929. Members present this meeting: W. A. French, Geo. Walker, Harry Lavender, Harry Dunbar, Lee Dalton, Maurice Hardy.

70. The door where the switch engine comes into mill was widened 2 feet for benefit of the switchmen.

71. Harry Lavender is to get petty cash receipt for lid on toilet.

72. Weekly reports were read and O. K.'d.

73. We had a good discussion on accident of George Ferguson.

74. No. 63 continued.

75. No. 68 continued.

Meeting closed at 11:15.

MAURICE G. HARDY, Secretary.

---

Indiana Limestone Co., University Quarry, Bloomington, Indiana, June 19, 1929. Previous meeting, May 21, 1929. Members present this meeting: A. Pinkston, H. Miller, H. D. George, Harley Kinder, Sam Hight, Secretary.

The meeting was called to order at 2:00 P. M. Minutes of the previous meeting were read and aproved. Since the last meeting Mr. John Dickson of the Industrial Board of Indiana made an inspection of the quarry and made the following requests: (1) Place a guard over the master gear on power No. 8. (2) Repair walkway to power No. 3. This will be taken care of right away.

There has been three men sent to the doctor during the past month, none serious. Two had something in their eye and the third wrenched his back slightly.

The railroad requested that better

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clearance for car steps be made in one or two places. This is being complied with.

There were no other suggestions to be made and the meeting adjourned at 2:30 P. M. Next meeting July 16, 1929.

SAM HIGHT, Secretary.

---

Vernia Mill, Hunter, Indiana, June 17, 1929. Previous meeting, May 20th, 1929. Members present this meeting: Ray B. Child, Chas. Ritter, S. M. Harris, Fred Hudson, Bob Carter, Fred Hill, Paul Brinnegar, Chas. Minks.

New Suggestions:

No. 38—Suggestion by Fred Hill that walk way be built on lineshaft at Crescent Shop.

Discussion of Accident of Frank Harmon on June 17, 1929. Both legs badly fractured by being struck by flying dogs.

Paul Brinnegar had fingers slightly mashed on June 17, 1929. No time lost.

No. 39—Suggestion by Chas. Ritter that sliding gage be put on Cut-off saw at Vernia Mill.

RAY B. CHILD,
Chairman.

---

Tribune Mill, Bloomington, Indiana, June 20, 1929. Previous meeting, May 15, 1929. Members present this meeting: C. C. Languell, Secretary; Lovel Atwood, Thos. Crouch and Ruben Sarber.

OLD SUGGESTIONS

25.—That all set screw wrenches for planers have handles reshaped to prevent skinning knuckles — partly done and carried over.

46.—Planermen be permitted to load planer bed from back instead of front—saw Mr. Bowman, but did not meet with his approval—carried over.

NEW SUGGESTIONS

47.—When loading narrow stones on car, such as sills, have traveler pick up load lower and wider so it will not turn over when set down on car.

48.—Use skids as near length of slabs as possible, on joint saws, so that when stone is stacked skids will not project way out past end of slabs.

LIST OF ACCIDENTS

5-22-29—Wm. Shook, mechanic, tried to grab a traveler wheel that rolled out of stock room and caught first finger, right hand between same and piece of iron leaning against work bench. Pinched finger and bursted it open down the inside.—No time lost.

5-23-29—Ira Bays, rubber, stone he was turning on banker broke and piece fell mashing first three toes on left foot and fracturing one.—No time lost.

6-7-29—Jos. Schramm, cutter. Bits of stone and dust flew in right eye while cutting stone. No time lost.

(Continued on Page 48)

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The Oolitic Stone Industry

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and recommend them to Our Quarry Friends as the most economical Tires on the Market.
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# As Editors Saw the Quarries

(Continued from Page 42)

long which had been rejected by the builders because the base was chipped off in places during transit. These were returned to the mills by the railroad and new columns must be turned out to take their place in the new commerce building in the government's great building program in Washington.

"Last year 25,000 car loads of this stone left this belt to go into buildings all over the United States and Canada. In nearly every city of any size in this country will be found buildings erected of Bedford stone as it is more commonly called. This oolitic lime stone belt is approximately twenty-seven miles long, eight miles wide and 40 to 70 feet in depth. The payroll of this industry has not varied in the past ten years and amounts to $10,000,000.00 annually.

"Bloomington is right in the heart of this stone district and much of the finished product leaves the mills in and around Bloomington. The Indiana Weekly Press association is planning a similar trip to the one given us at Bedford in order that the weekly newspaper men of Indiana who were unable to attend the Bedford meeting may enjoy such an educational trip and be further sold on Indiana and her natural resources. This meeting is planned for Friday and Saturday, August 9th and 10th.

"It was three o'clock in the afternoon of the same day that our train pulled into Bedford, and that night at the banquet, at the Country Club, we learned more about the stone industry. One thing which the writer noticed during the entire trip, and that was the way every employee and guide was sold on his job. Our every inquiry was quickly answered and we had the very best of service on the trip. A very delicious lunch was served on the train while enroute to one of the quarries and a more courteous group of guides and employees could not have been selected, even to the trainmen. One of my lifelong ambitions, or since I first learned to push my first iron train received at Christmas time, was to ride in a locomotive and to watch and operate a throttle on one of those great steam moguls. I can feel the pulsating of that experience yet as it steamed up the grade to one of the quarries, and after that trip I was dirty but self-satisfied and now admire a locomotive engineer more than ever."

The Greensburg Daily News, in closing a good story of the meeting, says:

"The whole convention, the meetings, the fine dinners, the visits to the works with all the knowledge of one of Indiana's leading industries, the cordial treatment and pleasing welcome to the city of Bedford made the 1929 summer meeting of the Indiana Republican Editorial Association a pleasing memory and one never to be forgotten."

Mr. P. R. Bausman, who rolled up his sleeves, and took in all the sights at the quarries, sent us his paper, but the section containing his story did not reach us.

Closing paragraph of Editor Craw's story, Oxford Gazette:

"The Indiana Limestone Company and the Bedford Chamber of Commerce received the thanks of all who attended for the splendid entertainment extended. The roads were found to be good with the exception of the detour between Bloomington and Bedford, and the dust was the worst feature on it. A stranger in those hills needs to be able to see as the narrow roads, sharp turns and steep hills makes driving a task for those not used to the hilly country.

"We came home through Brown county, visiting Nashville and its log jail, Weed Patch Hill and the government game preserve there, Helmsburg and Morgantown. It was really

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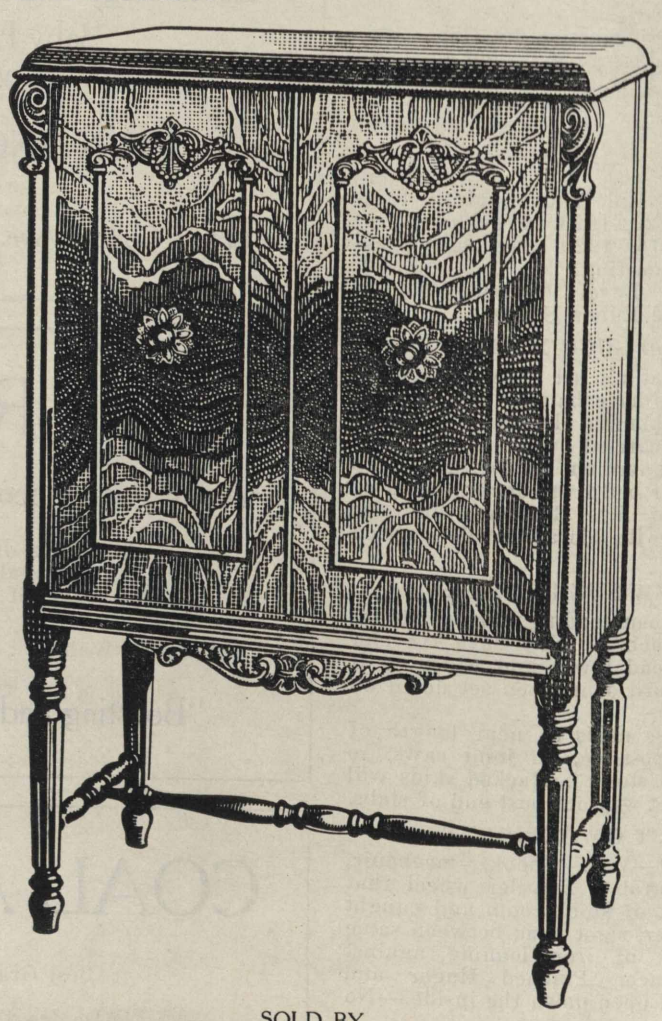
The Sparton Radio was the first all electric Radio placed on the market, just try to find a user who is not pleased with his Sparton. What more can be said?



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PETERSON RADIO SHOP

Dewey Peterson -:- Jack Wampler

752 S. WALNUT ST., Phone 4254 BLOOMINGTON, IND.

a wonderful trip and we are glad we went."

Editor Logan of the Goodland Herald, accompanied by Mrs. Logan and daughter, carried off the golf honors, and closes his report of the splendid outing, below:

"At 6:30 the Editorial Association and friends were guests of the Bedford Chamber of Commerce at the Bedford Country Club, located two miles east of that city on state highway 50, at a chicken dinner which was followed by a program and dancing.

"During the two days the guests were given privileges of trying out the fine golf course and was freely accepted. It is one of the best courses in the middle states.

"The outing was one of the best our party has ever attended and we returned home Saturday afternoon with a warm spot in our hearts for Bedford and its fine folks—hoping to have the pleasure of visiting them again sometime in the future."

* * * * *

## Dropsy

Accident records of one company show that 125 out of every 1,000 accidents are due to "dropsy".

Not the disease the doctor tells about, but the "butterfly" and "I didn't think" type. Men afflicted with "dropsy" seem afraid to hold onto a good thing. Their fingers begin to soften up like warm butter and something lands on their feet, or on a fellow worker. A Mr. Dropsy man has been injured for life, or has brought pain and sorrow to some other fellow. Below are listed a few cases of dropsy in the stone industry:

Mechanics leaving tools lying over head to be jarred off, striking some one below.

Crane operators running over workmen with a load.

Hookers reaching under stone to place strips.

Planermen stepping under suspended stone to clean off bottom of stone before loading.

Quarrymen carrying section of track, and dropping dog on feet.

Dropping stone on feet when being handled by hand.

The remedy for "dropsy" is to think and keep your mind on your work, and the safe way of doing the job.

* * * * *

## Lucky Dog

A German addressing his dog, said: "You vas only a dog, but I vish I vas you. Ven you go mit der bed, you shust turn around dree times and lay down. Ven I go mit der bed in I haf to lock the place and vind de clock and put the cat oud and undress myself and my vife vakes up and scolds me. Den de baby cries und I haf to valk him up and down, den maybe ven I shust go to sleep it's time to get up again. Ven you get up you shust scratch yourself a couple of times, stretch und you vas up. I have to quick lite de fire, und put de kettle on, scrap mit my vife already und maybe get some breakfast. You play all day und haf blenty of fun. I haf to work all tay u n d haf blenty of drouble. Ven you die, you vas dead, ven I die I haf to go to hell yet."—How.

* * * * *

Even if the magician can take a dozen things out of a man's hat that's nothing to what the flapper can take from her vanity case.

* * * * *

Harry Sinclair is pharmacist at his jail. He may not be so good with the pills but he ought to know his oils.


If You Need Money---
Borrow From Us!

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ONE YEAR LOANS

| Amount of Loan | Total Cost | Net To You | 50 W'kly Paym'ts |
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| 150.00 | 12.00 | 138.00 | 3.00 |
| 200.00 | 16.00 | 184.00 | 4.00 |
| 500.00 | 40.00 | 460.00 | 10.00 |
| 1000.00 | 70.00 | 930.00 | 20.00 |
| 2000.00 | 130.00 | 1870.00 | 40.00 |

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The Evansville Morris Plan Company
Bloomington Branch

109 South College Avenue

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N. R. JACOBS, Mgr.

FIVE PER CENT ON SAVINGS

## Record of Safety Meetings

(Continued from Page 45)

6-10-29—James Hall, cutter. Using pitching tool and piece of stone lodged in left eye.—Time lost.

C. C. LANGUELL,
Secretary.

---

Hoadley Mill, Bloomington, Indiana, June 20th, 1929. Previous meeting, May 16th, 1929. Members present this meeting: Frank Ikerd, W. H. May, Lance Kell, Glen Shields, H. V. Skeel.

Minutes of last meeting read and approved.

Members present for this committee meeting were Frank Ikerd, Lance Kell, W. H. May, Glen Shields and H. V. Skeel.

Rec. No. 74 Carried over until completed.

Rec. No. 93 All information and instructions for care of old boards with nails in them has been given to the proper men.

Mr. W. A. French was not in the city and the meeting was brief.

H. V. SKEEL,
Chairman-Secretary.

---

McDoel Mill, Bloomington, Indiana June 10th, 1929. Previous meeting, May 13th, 1929. Members present this meeting: W. J. Beck, Homer Nikirk, C. Gyger, Clarence Creed, Carl Adams, Ralph McConnell, Kenneth McConnell, Ray Oliver, H. Benham, Secretary; J. Morton, Cairman; W. A. French, Safety Engineer.

Action on Suggestions:

7. Move I. L. Co. sign back father from highway, carried forward, to be taken care of by M. Geo. Reed.

10. Six open switches throughout mill about man height from ground are dangerous to men passing by, this being taken care of by Mr. Murphy.

14. Put walk boards up for purpose of gang sawyers oiling loose feed pulleys. This suggestion dropped and bulletins posted that sawyers do all oiling first thing of morning before gangs starts.

18. Put guard on automatic tool grinder, carried forward.

19. Install drinking fountain for drinking water, carried forward.

20. Suggestion that traveler runner ring bell oftener when passing over man with load of stone, is being complied with.

21. Clarence Creed suggested that the man shoveling around planers be warned to keep head away from planer beds.

Mr. French made an interesting talk on Safety.

Meeting adjourned at 11:15 A. M. to meet July 8, 1929.

HAROLD BENHAM,
Secretary.
J. MORTON,
Chairman.

* * * * *

## Hoover Lays Corner Stone

(Continued from Page 24)

nounced that the job would require 1,200 cars of stone, embracing 650,000 cubic feet. The cost of the stone is $3,000,000. Another contract requiring 500 cars of stone for completion of the Internal Revenue building was let also to the Indiana Limestone Company. This building is to cost $14,000,000.

On April 25, in an address before the National Convention of Architects, the President made an address in which he said that Congress has authorized the beginning of a great building program that is to extend over many years.

* * * * *

Almost 3,000 Mexican quail have been shipped to Italy for restocking purposes.


# VONDERSCHMITT AMUSEMENT ENTERPRISES

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Especially Rebuilt For Sound And Talking Pictures, Insures Perfect Sound Reproduction

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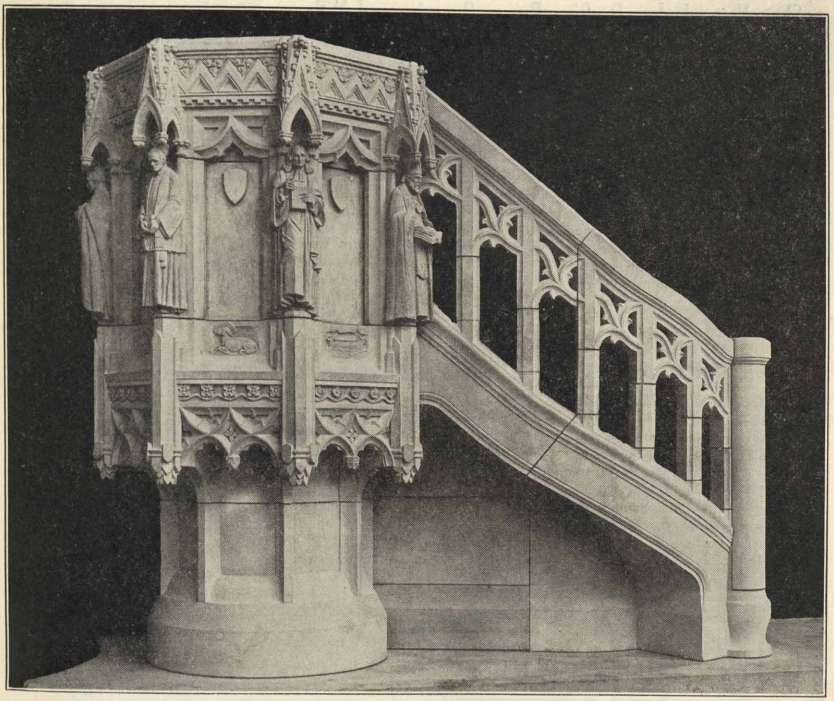

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FRED BRUNER, Phone 2953

HARRY D. DONATO, Phone 4284

# Shop Notes, Ledge, Drafting Room, Quarries and Mills

(Continued from Page 15)

thousand men who are employed in the two counties it is safe to say that 85 per cent of them drive to their work. Think of it—better than 5000 machines in daily use carrying the workmen back and forth to their work. A few years ago a large number of these machines were cheaper ones, but to-day the larger portion of them are high priced sedans, and roadsters. On a recent visit at the Indian Hill Cut Stone plant our reporter counted 45 machines. This is a good representation of the number throughout the belt.

* * * * *

The A. J. Thompson plant at Ellettsville has been on a sixteen hour run the past month in order to catch up with their work. The men in the employ of Mrs. Thompson are very loyal to her interests and for production to its size the out put can not be excelled in the field. When the snow flies it will find this plant going strong to clean up on a big year's business. In putting in the recent water plant at Ellettsville, Mrs. Thompson was a liberal supporter of the proposition, and at a recent meeting of the town council an order was passed to pipe the water to her mill.

* * * * *

The Embree & Mitchell Stone Veneer Company is one of the busy plants at Bedford. This company has a nice little equipment for taking care of light work, and the quality of workmanship is bringing a good business to them. Mr. Embree is in charge of the business, and he is a master mechanic. They make bird baths, flower vases, porch columns, mantles, coping, etc.

* * * * *

The Ellettsville Stone Company, Parks Nutter, superintendent, has been going quiet this spring, but matters are picking up. The past two years this company run day and night.

* * * * *

The Harding & Cogswell plant, at Ellettsville, usually one of the plants that goes strong whether any other cut stone plant is busy or not, was a little slow this spring getting in the running, but they now have ample orders booked, and are busy. Mr. Cogswell, President and manager, is encouraged to believe the business will hold up well the rest of the year.

* * * * *

The Matthews Brothers Company has been slow to start this year, but now has large orders on their books, and will be busy the rest of the year. Their plant is one of the very largest and most productive in the entire field.

* * * * *

The Perry Stone Company continues to get out the high class buff, but the demand is below normal.

* * * * *

The mill of the B. G. Hoadley Quarries Company, Incorporated, has been going day and night during July. Their new quarry is panning out well.

* * * * *

## Tribune Mill

Mr. and Mrs. Wayne Swango are the proud parents of an eight pound daughter, Mae Adelle, born July 8, at the Bloomington Hospital.

N. W. Pfaender and family are en-

(Continued on Page 54)


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Insure Your Car Against Excessive Upkeep
By Bringing It To Our

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- Unusual Service -

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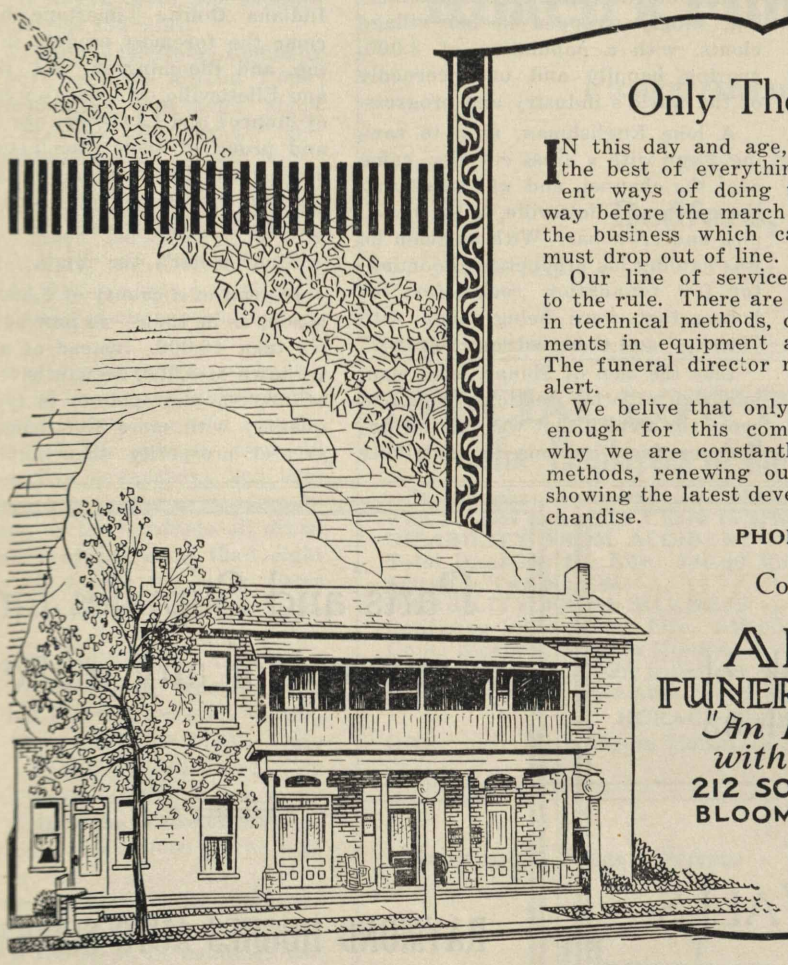

## Only The Best

IN this day and age, people insist on the best of everything. Old, inefficient ways of doing things must give way before the march of progress, and the business which cannot keep pace must drop out of line.

Our line of service is no exception to the rule. There are constant changes in technical methods, constant improvements in equipment and merchandise. The funeral director must keep on the alert.

We belive that only the best is good enough for this community. That is why we are constantly improving our methods, renewing our equipment and showing the latest developments in merchandise.

**PHONE 4270**

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*"An Institution with an Ideal"*

**212 SO. WALNUT ST.**
**BLOOMINGTON, IND.**

# REAPING WITHOUT SOWING

## Prosperity Forced on Monroe County

OFTEN as we pass over the highways of Monroe county and through the business and beautiful residence districts of Bloomington, the question very naturally presents itself, "What is back of it all?"

Then the great truth, "Let not thine hand be stretched out to receive, and shut when thou shouldst repay!" comes to the fore in our mind.

The wondrous hand of nature graciously placed at our door the immeasurable wealth of the stone that lies ready for the hand of industry; but, may it not be said that we are somewhat like the adventurers of old who learning of the riches of the land of Shinar, said, "Let us settle here and make bricks, and burn them thoroughly; they will serve instead of stone for building, and slime or bitumin that is in the earth will do for mortar."

Ah, "The Hand of Industry!" There is the key.

Beautiful Bloomington, Our Bloomington—We are all proud of her—but what is back of her?

In 1860 the fair city was slumbering, snugly wrapped in her village clouts, with a population of 3,000, snoring happily and unconcernedly of the world's industry and progress.

A lone Englishman, used to sawing stone with a cross cut saw, came over the channel, and was scarifying the earth at Ellettsville, with shovel, pick and crow bar. With ox team he was hauling his product to Bloomington for foundation rocks for the homes that were being made with "bricks," and them without "straws."

Like the men of Shinar, local men, and men of other sections, began to sense the wealth that was resting under our feet, anxious to contribute itself to the Nation's progress, and capital was directed to opening our quarries and mills.

With the chief Oolite, from its labyrinthian habitat, going forth to the four corners of the earth to tell the story of service and enduring utility in the building program, our Indiana Oolitic Limestone has become the foremost product in building, and Bloomington and Bedford and Ellettsville, and the two counties of Monroe and Lawrence, are famous and proud of their prominence and distinction. Bloomington and Monroe County–Our Bloomington and County–what's back of 'em.

Stone—that's the story.

Instead of a county of 8,000 population, as in 1860—we now have better than 40,000. Instead of a country town of 3,000, we now have a city of 22,000, metropolitan in type and quality, with more fine homes and greater prosperity than any other

When you think of insurance in any form think of

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Parts and Supplies for your car of any make

RAYMOND HUGHES AUTO SUPPLY

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Uniform Parts at Uniform Prices

city of its size in the United States. What's back of it?

Stone—that's the story.

Instead of an ox team hauling rocks to Bloomington, Bloomington is sending out millions of dollars of stone, both block and fabricated every year.

Last year 20,212 cars of stone were shipped out of the Monroe county district. Nine hundred and thirty cars of freight were shipped in to the mills and quarries. During the year the fabulous sum of eight million dollars was paid in Monroe county for wages, taxes, and supplies by the quarries and mills.

The Indiana Limestone Company has a working force around 1,000; the Bloomington Limestone about 600, the Shawnee Company 475, and the other companies around 900—making a total force of nearly 3,000.

Indiana University, the Showers factory, other industries and our farm interests, are factors in our prosperity, but the stone industry is the back bone of our commercial being.

The county is supporting six banks, hundreds of business establishments, a fine road system, splendid schools, garages and oil stations, over 40 churches, five newspapers, and lawyers, preachers, barbers, stenographers, clubs, by the hundreds–all drawing heavily of the more than eight millions of dollars the stone firms are bringing annually into the county.

Our very being hinges on the prosperity of our stone industry, and kindly but frankly we want to ask,

Are We Doing Our Whole Duty Toward the Stone Companies?

We think the answer is, too many bricks to take the place of stone—in harmony with actions of the men of Shinar.

We want to compliment our banks of the county on their good judgment of using our stone in building, and the many who have shown their loyalty to stone, which is our life saver, by using it in business blocks and residences, but we are listening too much to the lure of strange gods whose purpose it is to deflect us from the use of our own product, by the use of brick, with the effect to create doubt among visitors who come to look us over, and determine whether to use stone or not.

If we don't show faith, how may we expect it from visitors.

We are all proud of our beautiful stone court house, and recognize it as a fine advertisement of our stone, but to have it surrounded with a lot of brick buildings, and the residential districts lacking in stone structures, is failing in loyalty to our dominating industry. As the old ones disappear let stone take their place.

We are proud of the fact that our University buildings speak eloquently for Indiana stone.

Men well informed predict that the next five years will see greater development of the business than the past five years, and we would like to fasten upon the minds of the people of Bloomington and Monroe county the importance of assisting in this expansion by thinking, talking and acting in the language of stone.

Lest we forget, "Let not thine hand be stretched out to receive, and shut when thou shouldst repay!"

**Roach's Funeral Home**

Prompt Ambulance Service

Lady Embalmer

**Bedford, Indiana**

Phone 122 -:- 1002 I Street

**SPECIAL LOW PRICED POLICY**
**for Employees of the Mills and Quarries**

**It will pay any worker of Oolitic Limestone to become acquainted with policies and plans I have to offer.**

**DISABILITY FROM ACCIDENT** — $100.00 Monthly Indemnity for Total Disability for Life. $40.00 Monthly Indemnity for Partial Disability for Two Months.

**DISABILITY FROM SICKNESS** — $100.00 Monthly Indemnity for Confining Sickness for Life. $40.00 Monthly Indemnity for Non-Confining Sickness for Two Months.

Can write you accident policy for one year for $2.00, will pay $10,000 for loss of Life. Have all kinds of Sickness and Accident Policies.

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Office over Bloomington Hardware Store Phone 2965

Hardware - Paints - Screens - Tools - Household Necessities

Thrasher Brothers

South Side Square

BLOOMINGTON, INDIANA

Special invitation to Quarry Employees to visit us and learn prices

**BLOOMINGTON DUCO SERVICE**

Wendell McNay, Proprietor AUTO REFINISHING

Protect your car and make it look like new.

1111 NORTH WALNUT PHONE 3428

# Shop Notes, Ledge, Drafting Room, Quarries and Mills

(Continued from Page 50)

joying their vacation in Kansas with relatives.

E. C. Robbins, draftsman, is on his vacation.

The Tribune office force was all excited, Wednesday, July 17th. They all had their pictures taken. The girls could hardly get ready in just their noon hour.

A group of the Tribune's draftsmen were on a fishing party over the week end. There was plenty of excitement but the fish were scarce.

Mr. and Mrs. Glen Burks announce the birth of a son, Billy, born June 12. Mr. Burks is employed at the mill.

Boyd Porter, Claude Huffman and Dean Gooldy, Gr. No. 3, drafting room, are enjoying their vacations.

R. W. Burns and family are enjoying a two weeks vacation visiting Mr. Burns' parents in Ohio. Mr. Burns is a draftsman here.

Mr. and Mrs. William Owens are the parents of a son, born, June 8th. Mr. Owens is connected with the Bloomington Limestone Company, and Mrs. Owens was formerly employed at this office.

Ray Inman, draftsman, is in Philadelphia on business for the Company.

Wayne Swango, of the drafting room, returned to work, Monday, June 17, after an absence of about four months.

Joseph Dalton, ticket checker, has been transferred to the Tribune Mill.

Forrest (Deacon) Fowler is touring the West with an uncle. He expects to see the Grand Canyon and Yellowstone Park.

Ray Inman, the Tribune's golf star, won the second flight in the Daily Telephone Golf Tournament. Mack Morris was runner up.

Mrs. Paul Griffith is recovering from an appendicitis operation at the Methodist Hospital at Indianapolis. Mr. Griffith is a draftsman.

After a long and successful period Russell Beard, has accepted a position with the Bloomington Limestone Company.

Leo Kimmet made a business trip to Crawfordsville last week in the interest of the company.

Ray Inman is in Elmira, N. Y., on business connected with the extension to the Elmira Post Office being shipped from Gr. No. 4.

* * * * *

## Mutual Oolitic Stone Co.

The Mutual Oolitic Stone Company has been reorganized and is meeting with good success, running 24 hours a day. This company began business two years ago under the management of Charles Colegreen and T. R. Roberts, being located at Ellettsville.

Last year the plant was removed to Bloomington. A few weeks since the company was reorganized, reofficered, and is going strong under the new board of directors with Mr. Girard Anderson president, as general manager. Mr. Anderson has had wide experience in the stone business. He entered the marble industry in the east when a young man. He received good business training in that line of work, and later came to the Indiana Limestone field, and his attainments here have demonstrated his ability to carry on successfully.

The Mutual Oolitic Company is lo-

(Continued on Page 58)

Office Phone 678 - Residence Phone 1122-W

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ROYAL CORD, PEERLESS AND USCO CORD TIRES—ALL UNITED STATES MADE

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# WOMEN'S ATHLETIC CLUB - CHICAGO, ILLINOIS

ARCHITECT
Philip B. Maher

CUT STONE CONTRACTOR
Heltonville Limestone Company

GENERAL CONTRACTOR
The Lundoff-Bicknell Company

**Heltonville Limestone Company - Bedford, Indiana**

EXCELLENT WORKMANSHIP Finest Grade Indiana Limestone PROMPT DELIVERY

# Bedford---Known As the Stone City

## World-Wide In Scope

THE city of Bedford has the distinction throughout the world as being the Stone City.

The fame of our wonderful Indiana Oolitic Limestone has been borne to the four corners of the earth on the name of our fair city, and with pardonable pride may we feel proud of this prominence. In later years the stone has been extensively advertised as Indiana Stone, but many of the older contractors and architects hang to the idea that it's "Bedford Stone." While we do not want to be selfish in the matter in discrimination against our neighboring county of Monroe, yet if the older buyers of our product persist in knowing it as the traditional Bedford — Well, we are not going to fuss at them.

While perhaps, the first stone mill was not located in Lawrence county, yet back in the 40's our stone was being used in a local way, and when capital was attracted to the stone field, the larger developments were at Bedford. Our citizens were so pleased with the prosperity the stone industry was bringing to their door, that stone became their principal building material, and hence the name Stone City; the name climaxing to fame undreamed of by our pioneer stone men and citizens. That some builders still differentiate in our favor is not to be wondered at.

But to our city—we love it. It is well built on solid lines; good, substantial, sound banks, officered by men we respect and have the utmost confidence in; public schools, second to none in the state; well organized city and county governments; churches of the various denominations, perhaps better supported than in the average city our size; hospital, organized for efficient service; large public library, splendid mercantile establishments, well supported—in fact everything that a prosperous city of 20,000 would be expected to have, with prosperous farming country surrounding, and

The Indiana Limestone Company, the largest enterprise of the kind in the world, with its more than 20 mills and quarries, and a large number of Independent mills and quarries, with a grand total in wages of more than a million dollars a month paid thousands of employees of the companies, situated right here at home.

Under such conditions our city is one of the most prosperous in the world, and our people are appreciative and happy. A trip through our residential districts indexes grace, beauty and comfort—the homes of high class people who love their homes, their city, and their country, motivated by the lofty ideals of religious, commercial and community harmony, prosperity and success.


# If it is Electrical we can repair it

We are equipped to completely rewind or repair any motors or armatures, or do your "Trouble Shooting," or regular plant maintenance work at your plant.

We have had several years of experience in this work and feel that we can give you service in a satisfactory way. We will call for and deliver your work.

We want your work and will do it at reasonable prices.

## BEDFORD ELECTRICAL REPAIR SHOP

-:- Motor Repairs and Armature Rewinding -:-

1014 14th Street. Phone 433-W.

Bedford, - - - - - - - Indiana

OFFICE FORCE TRIBUNE MILL, Indiana Limestone Company

BOTTOM ROW: Left to Right—Dean Gooldy, Russell Beard, Garrett Varner, Ernest Nikirk, Edward Carr; SECOND ROW—Norman Hall, Wendell Hanna, Chester Carter, Betty Neal, Zella Godsey, Marjorie Welborne, Garnett O'Fell, Thelma Denney, Violet McNary; THIRD ROW—Forrest Fowler, Jack Nolan, Clayton Languell, Leo Kimmet, Paul Griffith, Ben Allen, Harry Baughman, Joseph Dalton, Ray Inman, H. S. Bowman, Supt. Tribune Mill; FOURTH ROW—R. W. Burns, Richard Perry, Lowell Alkire, Claude Hoffman, Boyd Porter, E. C. Owen, George Baker, Noel Rust, George Pearcy, Wayne Swango. Three men unable to be in picture, C. DeMotte, E. C. Robbins, N. W. Pfaender.

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*We are always boosters for the Limestone Industry*

DUNLOP TIRES

Greater mileage for the money than any other tire on the road. Willard Batteries, Ferodo Brake Lining, Vulcanizing, Enarco Motor Oil, generator and starter service. Auto repair work promptly at honest prices.

**WHALEY BROS.**

310 WEST SIXTH STREET BLOOMINGTON, INDIANA

BEDFORD

**Stone Veneer Works**

Manufacturers of

BIRD BATHS
FLOWER VASES
PORCH COLUMNS
MANTELS
COPING, ETC.

**Light Stone Work**
of Various Descriptions.

# Shop Notes, Ledge, Drafting Room, Quarries and Mills

(Continued from Page 54)

cated on south Walnut street, Bloomington, adjoining the Monon yards on the east, and the new state highway on the west. The location of the plant gives it shipping advantages that few, if any, stone mills have, and assures prompt delivery service, a feature that contractors do not overlook. The company has lately added to its land holdings, and now has five acres as a mill site and stacking yard.

The equipment embraces a new 72 inch diamond tooth rip saw, made by the W. F. Myers Company, of Bedford, which has just been installed and a 36 inch Corborundum joint saw made by the New Albany Foundry. Three planers are doing extra good service 24 hours a day, as the plant is kept going day and night. The mill is of steel construction with a ten ton crane. The equipment throughout is first class, practically all new, and capable of maximum production. Right now the Mutual Oolitic is one of the busiest cut stone plants in the belt, and is taking on new work with a view to keeping the mill going day and night the rest of the season. Some beautiful carved work is now being shipped out, and last week the shipments were completed on a big job in the east, the University of Georgetown, Washington, D. C.

The company works 20 men. All stockholders of the company are actively engaged in their special departments, and the fine cooperation, under the management of Mr. Anderson assures maximum production.

The new officers of the company are: Girard Anderson, President; Thos. L. Roberts, Vice-President; Theo. J. Louden, Secretary; W. H. McKnight, Treasurer; John H. Wilson, Mill Superintendent.

* * * * *

The Monon Stone company is keeping a big force going day and night, taking care of a large run of work, among which are the, Rand Building, Buffalo, New York; Auditorium Building, Rochester, New York; St. Helena's Church, Pittsburgh, Pa.; Sacred Heart Church, Pittsburgh, Pa. and the Immaculate Conception Church, Washington, Pa., all splendid structures, requiring the highest class of work.

* * * * *

## C. A. Pike Awarded Kresge Building Contract

The contract to construct the new Kresge building, west side of square, Bloomington, was let last week to the C. A. Pike Lumber and Building Material Company. There were seven other bidders. The Pike company has erected many of the best jobs in the city and is considered very dependable. In care and workmanship they always score up to and beyond requirements. The front of the Kresge building is to be stone, and it is to be completed by October 12th. The bid submitted to cover general construction was $39.000.

* * * * *

John Conner, superintendent for the Reed-Powers company, at their Victor quarries, is assisting Supt. Frank Ridge, at the Ellettsville quarry, during his recuperation from a broken collar bone.

* * * * *

The Reed-Powers company is getting lined up on their U. S. Post Office and Custom House job at Dallas, Texas, and will be making shipments. The stone that goes in this job comes from the Ridge quarry, three miles south of Ellettsville.

* * * * *

Alexander King finds business conditions improving, and would put on a night run, but is held up on account

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OFFICE HOURS
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DR. W. H. SCHROER
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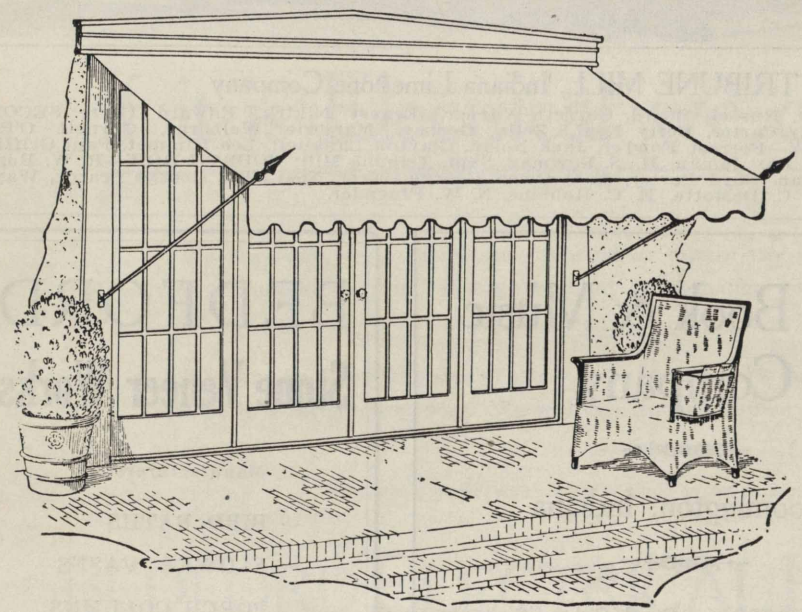
*Electro Vaporized Mineral Fume Baths*

Over Beddoes Drug Store -:- Bedford, Indiana



Let us take your order now for awnings. We will be glad to call and show you samples and give you prices put up or delivered.

H. G. HARRIS, Tinner
Sheet Metal-Roofing and Heating
XX Century Furnace Dealer for Sixteen Years

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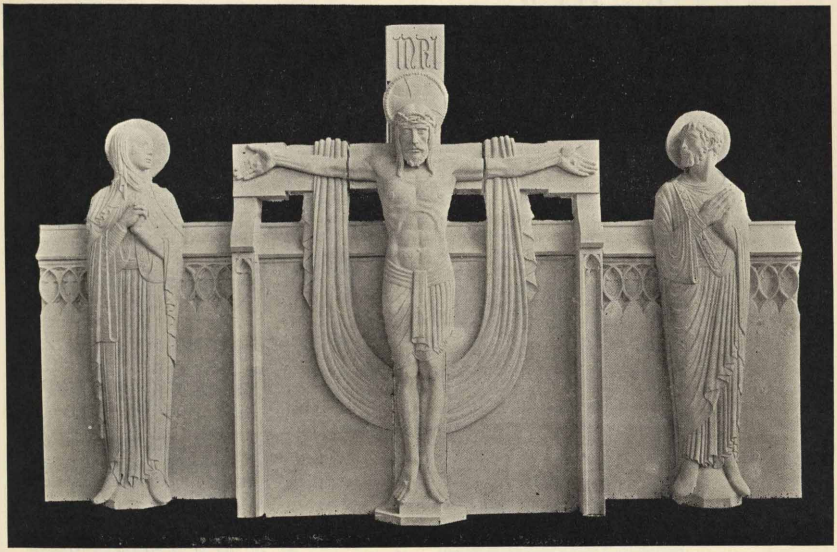
# Carved Panel for Holy Cross Church, Philadelphia, Pa.



THE CUT STONE FOR THIS CHURCH WAS FABRICATED BY THE CARL FURST CO., BEDFORD, INDIANA
McCLOSKEY & COMPANY, General Contractors HENRY D. DAGIT & SONS, Architects
FIGURES CARVED BY AUGUST WIELANDT AT THE MILL OF THE CARL FURST COMPANY

of delay of plans. He thinks the rest of the last half of 1929 will be better than the first half, and a better year all around than last year.

* * * * *

Bruner & Donato are doing some very fine sculpture at the Shawnee mill. These gentlemen are regarded among the very highest class artists in the field and are very busy. In this issue of Quarries and Mills they have an exquisite piece—a pulpit for St. Luke's Episcopal church at Evanston, Illinois.

* * * * *

The Indian Hill Stone Co. has been busy during the first half of 1929 and starting the second half with a satisfactory volume of business, a large percentage of which is Gothic style.

On account of this, a large number of cutters are required and they are building a temporary shelter shed to accommodate more men. The management thinks building operations will increase and is therefore optimistic of the immediate future.

* * * * *

Two jobs in the south that are claiming very close attention of Supt. Howard S. Fagan, at the Monon Stone Co., just now to meet shipments as required, are the Merchants Bank and Trust Company Building, Jackson, Miss., and the Birmont Theatre Structure, at Montgomery, Alabama.

* * * * *

Our old friend A. W. Pease, Supt. of the Hoosier and Joyner mills at Oolitic has been a very busy man for a few days, getting everything lined up to start the planers which have been idle for some months past, started July 24th.

* * * * *

The employees of the Drafting department of the Shea office, held a picnic at the Dickinson Park, Monday evening, July 22nd. Mr. C. L. Edmands, Big Chief, base ball and horse shoe pitching being featured and a general good time resulted.

* * * * *

## OUR BEDFORD PARK

Every employee of the Indiana Limestone Company should be proud of our Dickinson Park. If anyone should be too old to play he should at least get some kick out of providing a play ground for the Kiddies.

The Industrial Club is working over time to provide a real park. Your help will be appreciated.

Jack Johnson, Joe Cameron, Ira Correll, stone setters, assisted by Thos. Brennan, Urban Horn, Ray Armstrong and Fred E. Hatfield sure made a showing on our club building last Saturday.

McMillan Mill is furnishing planer chips and spauls for the drive way through the park. Walter Todd and Floyd Menaugh are sure experts when it comes to handling a slip scraper. They sure moved some dirt last Saturday.

Frank Beauchamp has been employed as care taker and is on the job seven days a week.

All employees and their families are privileged to use the park.

The date of our annual employees picnic will be announced soon. We are planning for a big day.

Those interested in base ball should get busy on the ball grounds.

Girls, get behind our tennis court proposition.

* * * * *

Jack Moon, also an active member of the Industrial Club and a much liked fellow workman has severed his connection with the Indiana Limestone Company and is now located with the Ingersoll-Rand Co., of New York, with a splendid position.

* * * * *

Louis Dunihue has resigned his position as Asst. Chief Electrician

(Continued on Page 62)

# Hundreds of Subscriptions Being Received from Club Raisers

Within the past few weeks, since the first number of Quarries and Mills was issued, we have received several hundred subscribers, sent to us by employees of the mills and quarries. We sent out subscription blanks, offering our publication in clubs of 25 at 50 cents per year. The response has been very generous from the employees of the various companies, and several hundred subscriptions have been placed on our books, and large lists continue to come in.

Better evidence could not be received that the office, mill and quarry forces, are appreciating our publication, than this fact, and we desire to thank the friends for assistance in putting our publication on its feet. Quarries and Mills will be issued every month, and it shall be our purpose to keep future numbers up to the high standard set in the first number.

Our publication is numbered consecutively, this being number 2. If by any reason subscribers fail to get their copy, kindly let us know, and we will supply back numbers.

* * * * *

## Bohn Is Elected Architect Head

Arthur Bohn, Indianapolis architect and a member of the firm of Vonnegut, Bohn & Mueller, was elected president of the Indiana chapter of the American Institute of Architects at its annual meeting held recently at the Avalon Country Club, Indianapolis.

* * * * *

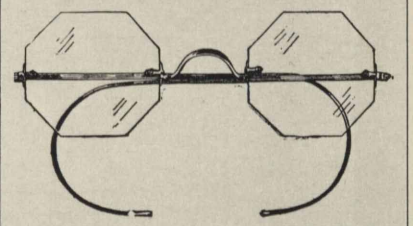
James J. Davis, secretary of labor, states that, "the foremost aim of President Hoover is the complete conquest of poverty in America. No higher aim than this has ever been expressed by an American President."

* * * * *

The Lewis Electric Company, 816 16th street, Bedford, is composed of two young men, Messrs. C. F. and S. P. Lewis, who have fine records as skilled mechanics. They are prompt and dependable, and are well equipped to do all classes of electrical work and engineering. It is their ambition, as they state in their advertisement, to have every "job stand as a monument to skilled workmanship," and whatever goes out from their place must be high grade and first class.

* * * * *

Fires in cotton gins cause a large annual loss in this country.



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## Letter From Buffalo, N. Y.

Buffalo, N. Y.,
July 24, 1929.

W. B. Harris & Son,
Ellettsville, Indiana.
Dear Sirs:

In this day of mergers and large corporations it is a pleasure to be working for a company where one can always be in direct contact with the owners of the business. That is one reason we like to work for Geo. W. Maltby & Sons Co.

This Company has been in known operation 95 years. There are records on file of cords of wood that were paid for in 1834. The business of the Company then consisted mostly of curb stone.

At the close of the Civil war the Company owned three plants. One in Rochester, one in Syracuse and the other in Buffalo. It was at this time the Mr. George W. Maltby, (just out of the Union army) started working for the company. In a few years he had become manager of the Buffalo plant and finally the owner.

W. C. Maltby (the son) took over the control about 30 years ago. First under the guidance of the father and then the entire control.

He has seen the place grow from a small business to a plant doing one-half million dollars worth of business a year.

Some of the jobs that the company is particularly proud of are: McKinley's Mausoleum at Canton, Ohio; McKinley's Monument at Buffalo, New York; Miner's National Bank, Pottsville, Pennsylvania; Trader's National Bank, Scranton, Pennsylvania; Interior of the Masonic Temple at Scranton, Pennsylvania, and many other fine buildings. There is hardly a building in Buffalo, that does not contain some of the Maltby stone.

They now have the contract for the interior of a large cathedral in Toledo, Ohio, to be done in imported French stone. This is one of the finest and largest in the United States, the exterior stone work having been fabricated by the Indiana Limestone Company.

The next time I write I will send some photos and news of how the Indiana boys are performing in Buffalo.

Yours truly,
NORRIS MOORE.

* * * * *

Italy is planning to broadcast a safety campaign over the radio.

* * * * *

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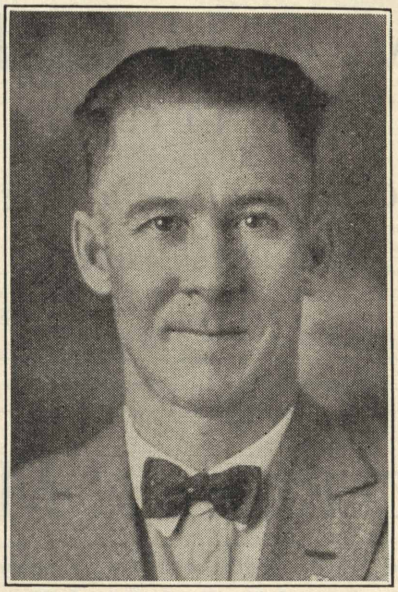

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# Shop Notes, Ledge, Drafting Room, Quarries, Mills

(Continued from Page 59)

and is planning a trip to California and Texas by motor route, accompanied by his wife. They expect to leave about August 1st. Louis was a very popular employee and an active member of the Industrial Club. We regret his leaving our organization.

* * * * *

Every one knows how painful a mashed or broken toe is, and how awkward it is to walk with crutches. All can be prevented by wearing a "Safety Toe Shoe." One hundred and eighty-four employees of the Indiana Limestone Company are taking this precaution. See Hatfield or French, they will tell you about them.

* * * * *

The Heltonville Stone Company is running their mill day and night now to take care of a number of contracts that are pushing.

The Heltonville quarry is working good, producing a fine line of buff, even texture and of exceptionally warm color. It can be found in some of the most beautiful buildings in the country. One of these buildings is shown in our August issue.

The writer was pleased to see our old friend John D. Fuller in charge of the drafting room. Mr. Fuller is recognized as one of the ablest draftsmen in the belt. Barney McCartney and Emery Stewart are in charge of mill and quarry respectively. Both are well known.

Sixteen planermen and forty stone cutters and carvers are regularly employed.

* * * * *

# Employees' Benevolent Association

Limestone Employees' Benevolent Association: James J. Crossett, President; W. A. French, Vice-President; Fred Wampler, Secretary-Treasurer.

Executive Committee: James J. Crossett, Fred E. Hatfield, Harry E. Askew.

Board of Trustees:

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Walters; Ophal Gyger, Blue Hole; R. N. Smith, Donato; Wm. Meissner, Kerber; Roscoe Miller, Furst; H. E. Askew, Walsh; Noble May, Eureka; Cleve Bowden, Bedford Cut; Ray Childs, Hunters; John Morton, McDoel; Jas. Walker, Bowman; Lester Litten, University.

If you are not a member: Why not?

What it is: A mutual insurance and charitable Association.

Of: By: and For: Employees Indiana Limestone Co: Reed-Powers: Bedford Cut Stone Co.

What it does: Pays $6.00 for the first week in case of sickness, and at the rate of $12.00 per week beginning the second week, for a period not exceeding 25 weeks in 12 consecutive months.

Pays $6.00 for the first week in case of accident, if injured while working at your place of employment.

If injured while not working at your place of employment your claim is handled as a sickness case.

Takes care of all charitable cases where it formerly was the practice to pass papers among the employees.

Buys flowers for the members in case of death of a member, a fellow workman or one of his immediate family.

What the Association has done:

From Aug. 1st, 1927 to July 1st, 1929

Paid 1381 sickness cases at a cost of $40,895.59

Paid 289 Compensation cases at a cost of $2,436.00

Has taken care of 43 charitable cases at a cost of $2,657.93.

Total cases 1715; Total Cost $45,-989.52.

Cost to you: 25c per week: Collected by deducting from your salary check.

Membership: 2300.

The Association is operated for the mutual benefit of its members: Without Profit to anyone.

If you are in good health, and not more than fifty-five years of age, ask your foreman for an application blank.

## From Angle of a Stenographer

(Continued from Page 6)

making a home and happiness rather than pound the typewriter keys. In a typographic term we say "30."

His fingers strayed over the keyboard,
Nigh to the close of day,
The sounds of his making brought reverie
And longings for one far away.
His fingers strayed idly and slowly.
Came dreams of her young face so fair,
Her sweet lips and peach-like complexion,
Her blue eyes and fair shingled hair.
He longed for the hour of their meeting,
Mourned for the time she had strayed
For his typist was on her vacation,
And of course all his work was delayed.

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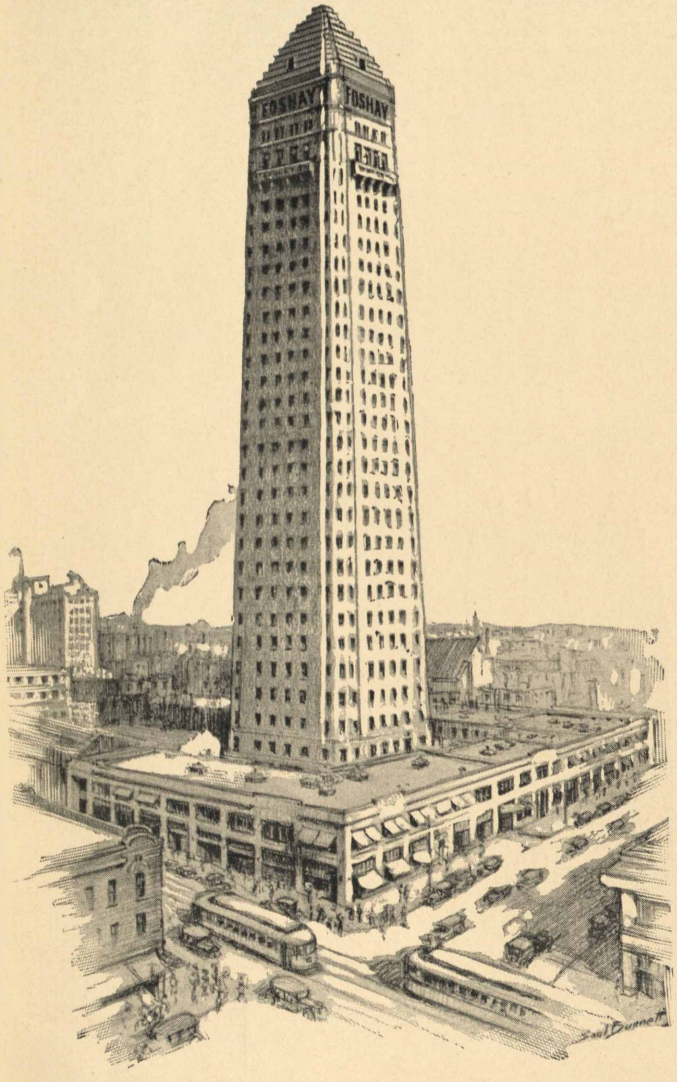


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INDIANA LIMESTONE from the quarries and mills of this company lends its dignity, its strength and its enduring beauty to the churches, homes, office buildings and other structures of the civilized world . . . Occupying an enviable position in the industry, we maintain leadership through the quality of our product and a policy of undeviating attention to our clients' preferences.

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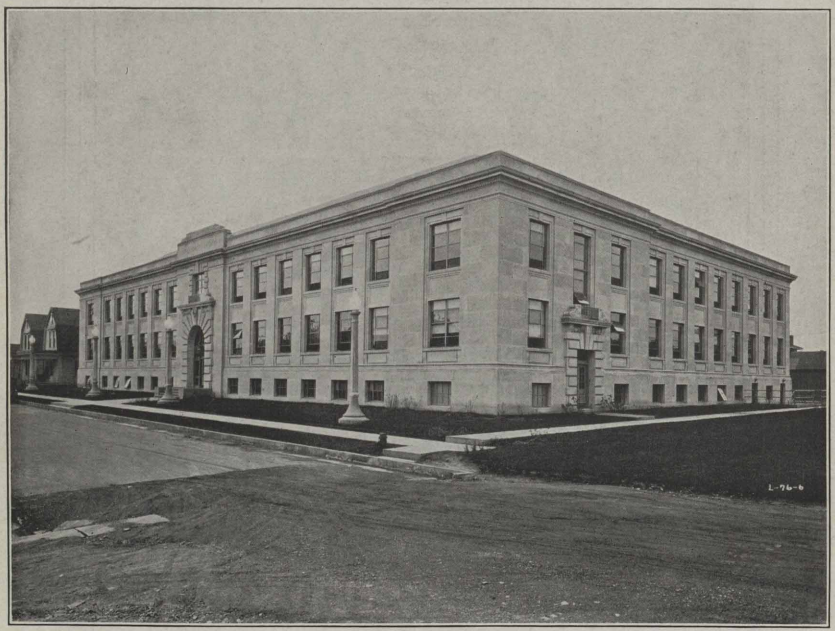

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VOLUME ONE
NUMBER THREE

SEPTEMBER
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C. F. Owens, In Charge Estimating Department
E. H. Bartlett, Purchasing Agent
O. C. Sappenfield, Traffic Manager
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H. M. Benzel, Bona-Allen Bldg., Atlanta, Ga.
E. M. Haas, Newman-Stern Bldg., Cleveland, Ohio
H. C. Quackenbush, 38 S. Dearborn St., Chicago Illinois

# QUARRIES AND MILLS

INTEREST : INDIANA : OOLITIC : LIMESTONE : INDUSTRY

PUBLISHED MONTHLY BY W. B. HARRIS & SON

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VOLUME I ELLETTSVILLE, INDIANA NUMBER 3

## Condition of Stone Industry

In making the rounds of the stone mills and quarries the past few days, we find a general feeling of optimism among the operators. The first half of the year was a little draggy, some of the mills not running full time, but on the last lap of the year, every indication is for a very busy close.

While the quarries show large quantities of stone stacked ahead, yet prospects for a large volume of fall and winter business is stimulating the quarry operators to increased production. A few of the quarries are adding new equipment, and some of the new openings are very promising. The Monroe county field in options and new prospecting is rather active, and with the feeling that the year 1930 promises to be a banner year acts as an incentive for a greater output of stone. While the shipments of stone up to July of this year were perhaps ten per cent less than for the same period last year, the indications are favorable for a considerable increase during the fall.

The volume of construction contracts awarded during July and August are considerably heavier than the same period of 1928, and a larger number of contracts are being figured now by our mills than the same time last year.

Most of our mills are "well set" for the balance of the year, and business looks pretty good.

* * * * *

## Distinguished Visitor at Ellettsville

Last week Mr. Lawrence Whiting, prominent banker of Chicago, and president of the Board of the Indiana Limestone Company, was a visitor at Ellettsville, and called at the office of Quarries and Mills to subscribe for our publication and extend his congratulations and best wishes for its success.

He expressed appreciation in a general way of our magazine, and sent word to the author of our "Mallet and Chisel" articles, and to Mr. Jamison, the car blocker that he was being especially interested in their articles, and sincerely extended good feeling for all the mill and quarry boys.

At a recent editorial convention at Bedford, Mr. Whiting made a very splendid address, in which information of unusual interest concerning the production and marketing of stone was given.

The counties of Monroe and Lawrence—a district 37 miles long and four miles wide—produce 65 per cent of all the building stone used in this country. The cities of Bedford and Bloomington, and the two counties are largely supported by the industry.

Headquarters of the Hawaii Electric Company, at Honolulu, is located in a large stone building, which was fabricated in our stone field, and shipped to Hawaii. Foreign shipments include Cuba, the Phillippines and various points in South America. Mr. Whiting gave it as his opinion, that a lot of stone now considered waste and dumped in the riprap hole, will eventually be used for house patterns throughout the country, marked and shipped ready for construction.

In the near future we hope to publish an article from Mr. Whiting, in which he will tell us a lot of good things about stone. Stone is very much concrete, but Mr. Whiting throws a lot of beauty and romance in the subject.

* * * * *

## Grateful to Our Friends

Within the past few weeks we have received hundreds of subscriptions to Quarries and Mills from the employees of the mills and quarries in the district, and we desire in this way to thank them individually and collectively for their fine assistance in putting the publication on its feet.

While not attempting to go into detail it has been no uncommon occurrence for us to receive from 25 to 95 subscriptions from each of the mills.

Senator W. B. Hoadley, of the Walker Brothers mill, so far is the only one who took the matter in hand and sent at the companies expense a list of nearly 50 subscriptions. This is fine, shows a splendid cooperative spirit, and we will not object if other mill superintendents induce their companies to follow Mr. Hoadley in this matter. Elsewhere we are publishing a letter and list of names paid for by this company.

* * * * *

## Rapid Expansion of Stone Business

As we see the stone train deliver to the various mills of the district huge blocks of stone, and note the great train loads of stone taken by the Monon Railway to be delivered to all parts of the country by the network of railroads, we are lead to compare the volume of business with the years gone by. When we note the phenominal growth of the industry, we are led to examine the factors which are responsible for this rapid expansion of the business, which are numerous and varied.

The merit of the stone as a building material is fully acknowledged. The pioneers in the industry laid a splendid foundation for the increasing business, and the rapid increase in population has been a vital means of larger demand. Since the business has practically doubled in the last five years, we are pursuaded to believe that the vir-

(Continued on Page 62)

# Educational Conditions of Monroe and Lawrence Counties

## "EVERY SCHOLAR A QUARRY"—DR. WM. L. BRYAN

### Go To School

By Dr. W. L. Bryan, President I. U.

I don't like to go to school, you say. Of course not. Boys generally don't like to go to school. Don't like to work. But work pays. Going to school pays.

The United States Bureau reports that:

With no schooling the average American citizen has one chance in 150,000 of gaining distinction.

With common school education he has four (4) times the chance.

With high school education he has eighty-seven (87) times the chance.

On the average more money goes with more education.

There is something more important than distinction in earnings. You are yourself a quarry—not a stone quarry—but something better. Dig inside yourself. Make the boy you are into the best man you can be. Go to school.

* * * * *

### Monroe County Public Schools

By W. V. Payne, Supt. Monroe County

The township schools will open on the 9th day of September. The first day will be devoted to organization and assignments. As a rule, no classes are heard the first day, because many children have no books and none are prepared to recite.

There is a big surplus of teachers this year. For this reason, we will have more changes than we have had in many years. While the trustees have made an honest effort to employ only the very best teachers, yet we feel that some excellent teachers will be left without a job. It is too bad, that we can not find a place for every good teacher who wants to teach.

We will have a complete change in High school principals this year. Each principal was selected with a great deal of care and consideration. It is doubtful, if Monroe county ever had a stronger or more efficient corps of principals.

Several one room schools will be closed this year on account of light attendance. When a school's general average drops below twelve, the school automatically closes, and can be opened only by permission of the State Superintendent, on request of the County Superintendent. The state superintendent will not grant the reopening of any school, if it is possible to transport the children to another school.

At the present time, transportation is causing the trustees more trouble than anything else. Everybody, apparently, wants to ride to school. In one township it is claimed that the children of some families ride to school and walk back home for dinner. In most places, transportation is costing too much money. Unless some way can be found to keep down transportation cost, the whole system will fall and that, soon.

Mr. Kirk, the state aid auditor, has ruled that he will allow $40.00 on grade pupils and $50.00 on high school students as the extreme limit. These amounts will be allowed on when the roads are bad and the distance 15 miles or more one way. In high school transportation, one of three things must be done, either the bus driver reduce his price, or the township pay the extra cost, or do away with transportation. In almost every case the township is not able to pay the extra charges.

The county superintendent will not attempt to do anything in the way of supervision. The county superintendent is fortunate if he gets to all of his schools once in the school year. He must confine his work to inspection. I shall try to find out what the teacher is doing and what the school needs in the way of supplies and equipments. Nothing else will be attempted.

There is every indication that this will be a good school year. The trustees are putting their school houses in good shape and have bought the needed supplies and equipment. Now if the parents will do their part which we believe they will, we will have a splendid school year.

* * * * *

### Lawrence Co. Public Schools To Open September 9th

By O. O. Hall, Supt. Lawrence County

The Lawrence County Schools with an enrollment of more than 3,000 boys and girls will soon be underway. We are looking forward to a splendid school year, after a pleasant vacation of four months in which the student bodies have amused themselves in various ways and in employment in the county, and the teachers many of whom have attended summer school in order to do more for the interest of the boys and girls.

It would be of interest to note what Lawrence County is doing in the way of educating her boys and girls. During the past year the county has spent through the rural corporations only, nearly $400,000.00 to give her sons and daughters the advantage of free schooling. Do the boys and girls fully appreciate this expenditure? Do they put forth their best efforts to profit by the effort thus expended? Every boy and girl should see to it during the coming year that they get the full benefit of the portion expended in their behalf.

Each day you miss, money has been lost on you.

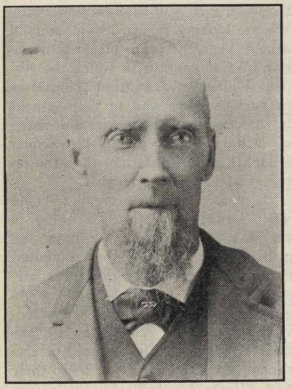
It would seen that if each individual fully realized the effort that was being put forth, that it would never be necessary to ask them to be at school on time each day. If such a sum was placed before the boys and girls and they were given the opportunity to take their portion as a free gift, not one would refuse.

Yet sometimes there are those who do not desire to put forth the necessary effort to receive their portion of this free contribution when it means far more to the individual than his or her portion of such a sum in cash would be. This free contribution is made a part of the individual and is his as long as he lives to use as he may wish. Isn't this far better than anything which could be used for a short time only?

Each year in addition to the opportunity of free schooling in the county, the county offers in the form of a scholarship, a free entrance into our State University for the students who have made outstanding grades while in school. We should have more students competing for these scholarships. It should be the desire of each student at the beginning of this term to begin now to compete for one of these offers. Some one will be lucky, why not you?

# Indiana State House Quarry, Spencer, Ind.

## MEN IDENTIFIED WITH CONSTRUCTION



CHRISTIAN F. KELLY

Among the great buildings of this country that stand as lasting monuments to Indiana Oolitic Limestone, proclaiming its beauty, strength and durability, none are more prominent than our own Indiana State House.

Every man, woman and child from the stone belt of Monroe, Lawrence and Owen counties, who visits our state house, may have a thrill of pride because the material from which the splendid structure is composed, came from his county, and through the processes of preparation for the market furnishes employment to thousands of employees, and is the backbone of our commercial, educational and social life.

The building was begun October 12, 1878, and was completed October 2, 1888. It cost $1,980,969.00, and was completed within the original cost estimate.

The stone used in it was taken almost entirely from Indiana quarries. The basement walls and the footing for the outer and inner walls consist of blue limestone, taken from quarries near St. Paul, Greensburg, and North Vernon. The outer walls of the entire building are of oolitic limestone, obtained from quarries in Monroe, Lawrence, and Owen counties.

The architects were Edwin May, Indianapolis, from April 11, 1878, until his death, February 27, 1880; Adolph Scherrer, Indianapolis, from February 27, 1880, until the State House was completed, October 2, 1888. Kanmacher and Denig were the contractors.

The dimensions of the State House are:

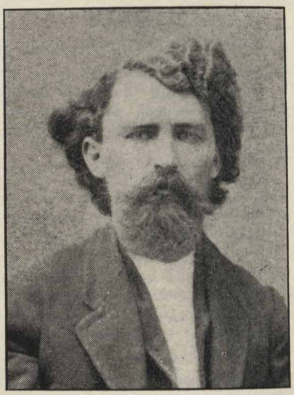
Maximum length from north to south, 496 feet.

Width, on north and south fronts, 185 feet.

Width, east and west, of central projection, 282 feet.

Including the basement, there are four stories, with aggregate floor space of more than twelve acres.

On each floor a grand corridor, 68 feet wide. extends the entire length of the building, supported by a double row of marble columns, piers and pilasters, lighted on the three upper floors with ample skylight.



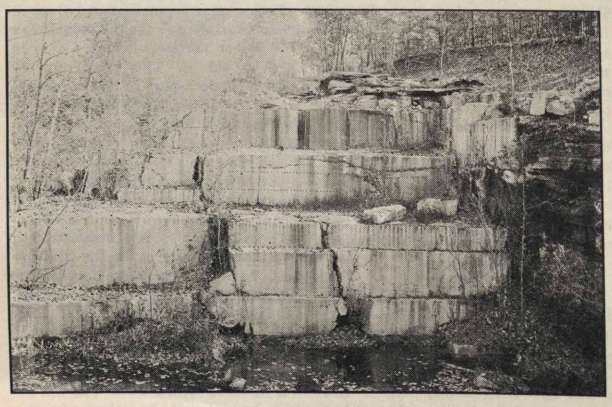
JOHN KOSTENBADER

The distinguishing feature of the State House, adding grandeur and dignity to its appearance, is the dome, 72 feet in diameter, rising from the center to a height of 234 feet above the ground. From foundation to the roof, it is constructed of solid stone. In perspective, the beauty, strength and harmony of Corinthian order of architecture is successfully displayed in a rich combination of appropriate columns, pilasters, and pediments, the whole presenting a monument of architecture worthy of the state and the age.

Associated with the construction of the Indiana State House, are several features of prominence and of especial interest to Owen, Monroe and Lawrence counties, which we are presenting to our readers this month.

The State House Quarry, a picture of which is shown below; the superintendent of this quarry, Christian F. Kelly, whose picture is given on this page, and John Kostenbader, who interpreted the blue prints, and was responsible for the setting of every piece of stone in the building, whose picture we give, are all interesting historical facts, and will be read with appreciation by many of our readers.

State House Quarry—This quarry was opened the fall of 1879. Ken-



INDIANA STATE HOUSE QUARRY

macher and Denig, the contractors, conceived the idea they could open a quarry and get out the stone cheaper than they could buy it. The quarry, as shown below, is located in McCormick's State Park. A bridge was built across White river the winter of 1879, and early in 1880 stone was shipped out. At that period operations in stone quarrying were very crude compared with present day methods, and there were few men who were thoroughly experienced and capable. Although a good grade of stone was taken out at the State House quarry, affairs were not moving very satisfactorily, the contractors recognizing they could not open and develop a quarry, and at the same time get out stone fast enough to build a state house.

C. F. Kelly Employed as Superintendent—Christian F. Kelly, of Ellettsville, superintendent of the quarry and mill of the Perry Brothers had the record of being the best quarryman in the district, and his services were sought by Kenmacher & Denig. At that date a dollar was worth $5.00 at present. Good scabblers and experienced ledge men were receiving $1.40 for 10 hours. Mr. Kelly was perhaps receiving $65.00 to $75.00 per month. The state house men offered him $150 a month to run their plant. That fabulous sum was tempting, and Capt. G. K. Perry, senior member of the firm, advised Mr. Kelly to accept the offer, granting leave of absence, and assuring him the job would be open for him on his return. Captain Perry knowing that an undeveloped quarry could not supply stone to keep a large crew at work on a state house job, ventured the statement that operations there would cease within three months, and that Mr. Kelly could return to his old job. The quarry was closed, verifying the prediction of Captain Perry. Stone was purchased from the Monroe and Lawrence county plants, and

(Continued on Page 60)

## Exclusive Interview With Lawrence Whiting

### Chairman of the Board of the Indiana Limestone Co.

The Indiana Limestone Company's sale for the month of August amounted to 1,225,000 cubic feet of block, sawed and cut stone, which is the largest sale for any month in its history; that it now has more than 2,000,000 cubic feet of cut stone orders on its books; that its cut stone mills are operating at 100 per cent capacity and that from now on its cut stone bids will be at a considerably higher price.

PERRY BROS. OLD QUARRY,
ELLETTSVILLE, MONROE COUNTY, INDIANA.

# Among the Cutters—First Big Job Fabricated Under Tent

[BY ONE OF THE CUTTERS]

Well folks, here's a story about the first job of stone cutting, I ever saw. The fact is—it seems to me the only job of real stone cutting the writer has ever witnessed. Forty-three years have elapsed since I saw this stone cut, which was done principally under tents and I've had a world of opportunity to reflect back and make comparisons. I have viewed other jobs of stone cutting since then but not one of them could sport a circus tent, accompanied by a lot of side show tents, with modeling works and modelers on the ground.

Although, not so very long ago—1919—the Dodge residence—being erected near Lake St. Clair, Detroit, attracted a lot of attention and that stone cutters received a dollar an hour and car fare—the highest wages ever paid up to that time for stone cutting. The Dodge job did not present the novel appearance. Their job was being cut under a shed, perhaps it would cover almost a fourth of a city block, maybe a half, under which 120 stone cutters and carvers were at work. The merry click and ring of hammers on steel chisels, together with the fact that every stone cutter was getting $1.00 per hour and his car fare paid—the highest wages in history, combined to make sweet music. And sweet music it was to the stone cutter. Dodge had pulled a Henry Ford stunt but he did it through an urgent need. Stone cutters were scarce, Dodge had to have them, and up goes the wages. The stone cutter on the Dodge job, while he got the one dollar per and car fare, had a heck of a time wash'n up when he got to his board'n house.

The job was cut'n a brown sandstone, hard as all "git-out," and the dust would settle on one's hide–down one's spinal column and through one's gills.

But listen, folks, my tent job has got the Dodge job skinned in many ways, or any other mallet job I ever saw. First: the novel appearance cutting and carving stone under a nice new tent. Second: the tent job had more stone cutters and carvers than I ever saw before, up to that time, in one shop. Third: there was real stone to cut—that wonderful "creamy buff" through which a chisel

would glide like it was on a holiday. Fourth: the wages on the tent job were about half what Dodge was payin', just half, but—say boy, one could buy about three times as much for the money as you buy today.

Anyhow, to get to my text. This real job of stone cutting happened 43 years ago—the year of 1886—when the Bedford Steam Stone Works contracted the cut stone for the Cotton Exchange Building, which was being erected in New Orleans, Louisiana. It has been said that this contract for cut stone was the first big job, or the biggest job up to that time to be cut and shipped ready to set in the wall, from the stone belt. Again, the claim has been made by a few men that the Bedford Steam Stone Works was the first stone company to use a planer. Now, I cannot vouch for either of these claims being correct, but I can say truthfully that ye scribe saw the planer, a little dinky thing, that the Bedford Steam Stone Works was using while they were getting out the cut stone for the Cotton Exchange Building.

At that time the planer was cutting what seemed to me—fluted pilaster stuff. Anyhow, they were cutting flutes on a flat piece of rock. That's the way it looked to me, and about the way I would have told it in those days. But the planer did not interest me. I figured that it was some sort of a novel contrivance some fellow was trying out on rock and that it would soon break to pieces, (or go broke.) But it seems as if, instead of smash'n to pieces, the "tarnal" thing laid an egg or two from which more planers were hatched. Anyhow this dinky planer of 1886 was a forerunner of coming events. It was destined to change the complexion of the entire stone industry. But the planer stuff, at that time, wasn't in it. My attention was attracted by 140 stone cutters and carvers. The stone cutters were working under tents. There was one big tent, it must have been 100 feet in diameter. There was a good sized derrick in this big tent. Its mast extended through the top of the tent to guy ropes without touching the tent and the top of the tent was supported in position by fastening it to the guy ropes of the mast. I have made a sketch of this tent—and I show a few of the smaller tents scattered about. There were about 15 of these as well as the modeling department—shown at the right and the mill south or left of the big tent.

This sketch is merely a "bird's eye view"—and by the way, it is my first attempt at landscape stuff, so—there you are. I have made my debut in the world of art!

But I have surely recalled the scene, looking downward and southwest, from point of view northeast. The good old Monon is shown here. I didn't get the steel rails of the Monon very straight—but, you know what I mean—the Monon was running by the whole works, at that time, and if my memory serves me right, the Monon is still doing business in Indiana. Bedford and Bloomington are still located on the Monon—as well as Ellettsville.—(Ellettsville is the town that is destined to make the stone belt famous—for that is the little old town where "Quarries and Mills" is published.)

But to resume—all of the modeling for the carving on the Cotton Exchange Building was done on the ground and there were six modelers besides the 140 stone cutters and carvers. We've been trying to get a picture and dimensions of this building showing its heavy molded courses, as well as its elaborately carved courses, which encircled the building, but the building was razed a few years ago, and a larger one erected.

One of the carvers on the job happened to be an acquaintance of mine. His name was Harry Barnwell. He was carving on a course of leaves near the cornice. The leaves must have been fully five feet high—judging from Barnwell's height, compared to the height of the leaf as he stood carving. All told there were about 26 carvers. The carving department proper was located in the northeast corner of the mill but there were several carvers scattered about in small tents. In one tent they were carving a group of figures twice life size, representing "Industry."

But say folks—the big tent. The inside of this big tent was a veritable bee hive. There was stone bankered in every available place all over the tent space. The thing which attracted my attention most under the big tent, however, was a heavy moulded course with big dentals. There were five pieces of this pattern bankered in a circle around near the tent wall. Each piece of stone for this course must have been 20-0x2-6x4-6. (That was some piece of rock for that day.) There were three stone cutters working on each of those pieces. I don't have any idea how many cutters were bankered in the tent. I didn't venture through it. I was satisfied to view the inner workings from the entrance. But I did meander about and got an eye full of what was going on in the little tents. There I got a real "close up." I observed that there were stone cutters on the job of nearly all nationalities. There were lean stone cutters and fat ones—short ones and tall ones, and there was the big good natured smiling stone cutter with his plump face—with a "bay window" caused mostly by "bock beer." (Galla days.)

But the little tents were quite interesting. One could get a "close up" view—and say folks—the stone cut'n that was go'n on in those "side-show" tents! Good stone cutters? They were nothing else. One tent in particular housed six stone cutters. Two of them were cutting a surface from the ruff about 7-0x4-0, a man on each side of the stone. They happened to be using the plane tool, on a tooth chiseled surface, giving it the last "once over." Well—every stroke of the mallet would drive that plain tool fully three quarters of an inch—and it seemed as if every tool mark was the same—accurate. How those stone cutters did glide through that beautiful creamy buff Bedford stone. I learned that when they started a new cutter, as a rule, they put him on a stone in the rough—4-0 square with plain surfaces. If he could make a good job of it, well—he was generally kept on—but if he didn't, well—"it was just too bad." Did ye scribe go to work there—with my little ole two years of experience hu'n rock, mostly on marble and stone bases? No dear, let's be honest, not me. I had a sum to do in addition before making my debut in the midst of "star" stone cutters, the cream of the country. Although, my carver friend tried to get me to start in, I repeat, not me. "I knew my raspberries."

I had my mind made up the minute I gave that Cotton Exchange cut stone job the once over. It was no place for a 19 year old with two years of experience and half of that only on building work. The fact is I never knew before there was such stone cutting going on in the world. Anyhow—my pal and I left Bedford the same day we hit there. That is—we "entrained" on the midnight express, north bound, with reserved seats on the "blind baggage" having 30 cents between us. As our train bounded north through the dark the fireman

(Continued on Page 58)

# Beautiful Scottish Rite Cathedral Fabricated by Matthews Bros. Company

"The most beautiful building I ever saw, and I am proud of it, because our own Matthews Brothers Company right here at Ellettsville, interpreted the plans in their drafting room, sawed it, planed and cut it, ready for the setter," said Postmistress Maude Mitchell the other day after she had carefully and thoughtfully looked the Scottish Rite Cathedral building over at Indianapolis.

Everybody whose eyes behold this wonderful structure gives expression to the thrill of wonder and admiration that the peaceful, classic atmosphere of the scene suggests. To contemplate its graceful lines, its symmetry, strength and endurance climaxes in a feeling closely associating the genius of man with the Supreme Mind, using man as the vehicle through which the Master Mind finds expression.

In the light of such an architectural and structural triumph, a veritable monument to the skill and superior standard of fabrication of the Matthews Brothers Company, may we not justly accord to them a measure of praise and congratulation on their high attainments.

Every phase of the work visualizes the high character of the Matthews Brothers Co., and deeply accentuates the well recognized fact among the builders of the nation, that the highest standards are uniformly maintained in production by this company.

Mr. Fred Matthews, President of the company, and dean of the stone industry, is a man of the highest character, and the organization with which he is associated is of the same fibre.

Mr. G. H. Barrett, general manager of the plant, keeps in close personal touch with the different groups and a fine cooperative atmosphere is maintained. The men throughout the entire plant recognize that the high standard of work depends on individual efficiency, and actuated by this motive the men assume personal responsibility by group and unit effort.

Mr. Harry Gale is Superintendent of Production.

Mr. Homer Allen, Chief of Drafting.

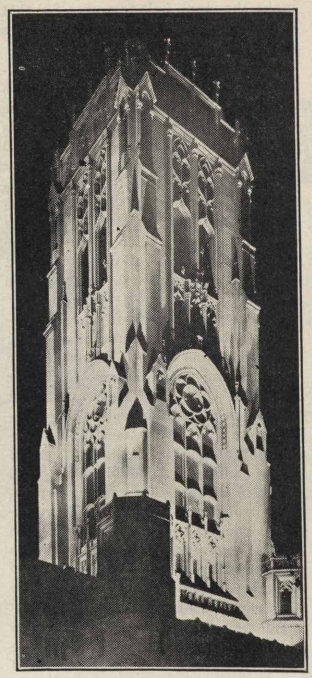
Mr. Edward Wickens, Foreman of Cutters.

Mr. Charles May, Foreman over Planers.

Mr. James H. Matson, Foreman over Gangs.

Mr. John Priest, Superintendent of Mechanical Department. Mr. James W. Jamison, in Charge of Loading.

These men are well equipped by long experience and careful study



Tower of the Scottish Rite Cathedral

of the requirements of their several departments to superintend the work skillfully, and the men composing the different groups are capable, careful mechanics, who understand the importance of cooperative and personal endeavor, all working together with the high purpose of the best possible production.

Maintaining such an organization as this, places the Matthews Brothers Company in the front rank on the highest class of fabrication.

September 20th is the date set for the dedication of this great Cathedral, and it will be the greatest historical event in Indiana Masonry.

The Cathedral is one of the finest in the world. It is built on Gothic lines and is elaborately embellished with Masonic symbols. The tower contains wonderful chimes and the grandeur of the structure in its towering majesty is the pride of the Masonic fraternity of Indiana and Indianapolis and the state as a community.

The highest grade of Indiana Oolitic Limestone, of which the structure is built, will endure indefinitely, and is a splendid exemplification of "operative" Masonry. The great Master Mason who had the famous temple constructed in the Holy City, had a greater show of gold plate, but for architectural achievement and strength and durability of stone nothing has ever eclipsed the great Scottish Rite Cathedral.

"Far more than human habitation, far more than a place of assembly for ceremonies, pleasures or material comforts," said a member, "this edifice stands facing a memorial to martyrs of a horrid war that rocked the world, dedicated to peace, brotherhood and loyalty to country, a beacon in city, state and nation to those who love liberty and equality."

May 3 1927, ground was broken for the temple. The corner stone was laid November 29th, the same year.

With a "setting maul," George F. Schrieber, the architect, placed the last stone of the exterior stone work in position February 26, 1929.

The dedication will be September 20th.

It is planned that while the visitors are passing through the auditorium, there will be musical numbers on the grand pipe organ. Admission to the cathedral will be through the Meridian street entrance.

Monday, Tuesday and Wednesday evenings between the hours of 7:30 and 10:30 o'clock members of the Rite and their ladies, but no children will be shown over the building and Thursday, Friday and Saturday evenings at the same hours, Master Masons and their ladies, but not children, will be the guests of the Rite. It is explained that Master Masons need no individual invitation but that all will be welcome on the presentation of their Blue Lodge membership card. Admission for members of the Rite also will be strictly by membership card.

# WHAT IS IT? (Club House, Dickinson Park)

It is to be the Club or Shelter House at the Dickinson Park, "Indiana Limestone Company Employee's family play ground." Two school buildings were purchased from the township by the Bedford Industrial Club. They were taken down in sections and moved three miles and reassembled into one building on a solid masonry foundation and is now being stone veneered.

Who is doing the work?

Members of the Bedford Industrial Club and employees of the Indiana Limestone Company.

When?—Saturday afternoons and after work hours.

What do they receive in return for their labor?

The satisfaction of promoting good fellowship and closer social relations among employees and their families.

Where is it located?

On the Dixie Highway between Bedford and Oolitic on one of the southern Indiana's natural beauty spots, being one of tne highest points in the county affording a wonderful view of surrounding country. The grove being thickly populated with stately timber.

Who are these birds working, when above picture was taken?

Namely from left to right on scaffold:

Willis Metzler stone cutter apprentice who is always on the job. Gabe Cannon, stone cutter, who has been regularly employed in one mill for the past six years and has never lost a day when physically able to work, when the whistle blows you can bank on old Gabe being at his banker. He sure has been a faithful worker on our Club House.

Ray Armstrong, chief clerk of the payroll department and a fair stone setter after office hours, also works well between the plow nandles on the grade of the drive-way.

Ira Correll, general foreman carving department, also a fair setter and always ready to do his bit.

On the ground left to right:

Emil Metzler, stone cutter, foreman Donnelly Mill, always on the job and tells you what to do in a way that you cannot help but understand.

Urban Horn, master mechanic, at Donnelly Mill, who can rightfully be called a working fool, always ready to help any one.

Frank Beauchamp, the caretaker of the park, who takes as much interest as if he had a deed for the park.

Fred E. Hatfield, a would be cutter with out a card.

Bobbie Armstrong, water boy.

The above mentioned employees are only a small percent of those who have contributed labor to the park proposition. Each Saturday afternoon will find representations from the various plants engaged in work at the park that they would not consider doing for a money consideration, yet feel amply paid when they see the use that is being made of the park by the employees, families, churches and community societies.

Walter Todd, superintendent of Dugan Mill and Floyd Menaugh can be found at the park most any evening after work hours operating a Ford Tractor and Wheel Scraper grading the drive way, there will be one mile of hard surface drive way.

# Indiana Limestone Company Picnic, Sept. 21st

## Second Annual Event to Be Held at Dickinson Park, Afternoon and Evening

The big event of the year for the employees of the Indiana Limestone Company, will occur this year on September 21. The second annual picnic is to be held on that date in the beautiful new Dickinson park, located on the Dixie north.

The committee of the Industrial Club, who promote this picnic, have made the definite date arrangements and are arranging a program of entertainment that will have an appeal to anybody who might attend.

There are many features on the program this year that have not been used before in any of their picnics or gatherings, that should prove highly entertaining. A merry-go-round is to be set up for the pleasure of the youngsters. There will also be a herd of Shetland ponies there to give the Tom Mix aspirants a chance to do their "fancy riding" if they feel so disposed.

The usual athletic events will be staged, including the greasy pole that proved so much entertainment last year. A penny scramble for a thousand new pennies will attract the kiddies. A giant slide will be installed for the youngsters, and the regular paraphernalia that stands in the park will all be in fine working order to help the kiddies entertain themselves.

One of the events that no doubt will prove to be a feature, will be a wrestling tournament. This will start in the afternoon and the champion of the day will be proclaimed at night at a titular match to be staged between the leading contestants of the day.

There will be plenty of music, and this will come with plenty of variety. The Industrial Club band of forty-five pieces will be heard in concert both afternoon and evening. Interspersed between the numbers of the band will be heard the old fiddlers contest and the quartet (male) contest.

These contestants will appear in the afternoon and suitable prizes will be awarded to the fiddlers for the best fiddler, the one with the most tricks,

(Continued on page 49)

## Industrial Club Band---Indiana Limestone Company Employees

THE employees of the Indiana Limestone Company are proud of their band, known as the Industrial Club Band. The organization numbers forty-seven players, and has received state wide recognition, and twice national when they broadcast from Station WHAS at Louisville last winter.

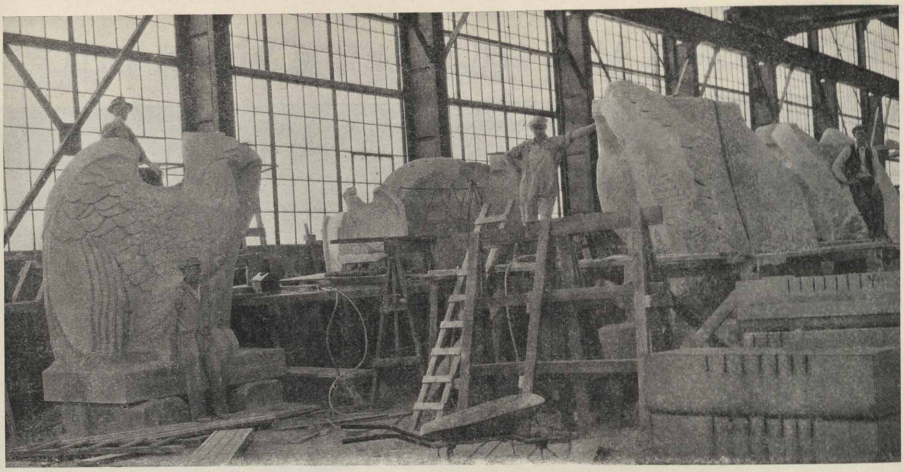
It is just a year old, and its roster comprises several fine musicians around whom the band has been built. The band is under the directorship of Carl E. Preble, who had played euphonium and trombone with Sousa's Band for five years preceding the time he moved to Bedford.

They will appear in concert at the new Annual Indiana Limestone Company Picnic, to be held soon. They also have plans to broadcast from several radio stations again this fall and winter.

Any musician living in the district in the employ of the Indiana Limestone Company is eligible to play in this band and should get in touch with the director at Bedford.

# HYDE PARK M. E. CHURCH, CINCINNATI, OHIO

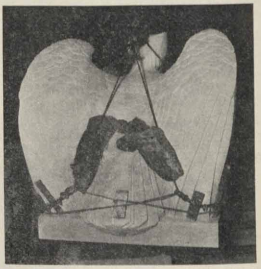
GRANGER and BOLLENBACHER, Architects, Chicago E. A. CARSON, Contractor
Built of VARIEGATED LIMESTONE
Furnished by BLOOMINGTON LIMESTONE COMPANY



No. 1—MILL VIEW OF PARTLY FINISHED EAGLES

2—FRONT VIEW

3—SIDE VIEW



4—BACK VIEW

5—MILL VIEW OF FINISHED EAGLES—Fabricated in the McMILLAN MILL OF THE INDIANA LIMESTONE CO. They are to be used in Memorial Bridge, crossing the Susquehanna River at Wilkes-Barre, Pennsylvania

# Eagles for Memorial Bridge at Wilkes-Barre, Pa.

## Thought to be Largest Single Pieces of Sculpture Ever Carved in District

### Executed at McMillan Mill, of the Indiana Limestone Company

In the handling and setting of large pieces of finished sculpture such as these eagles, it is obviously impossible to use either dogs or ordinary slings and a special narness of wire rope had to be made. This was very cleverly worked out by Mr. Charles Beckenheuser, Superintendent of the Indiana Limestone company's McMillan mill, using wire rope slings with the clevices as shown in figures 2, 3 and 4, on page 12, so arranged around the body of the bird that when the lift was made the slings tightened around it just as a slip knot would tighten. The slings, it will be noticed, were crossed at front and back to prevent both slipping or tipping over in handling.

As a result of this method devised for handling these huge pieces of sculpture, the four eagles reached their destination and were set on the job without any chipping or damage whatsoever.

The following interesting facts in connection with these eagles we believe will be of interest.

The rough blocks of stone that were quarried weighed approximately 50 tons for each eagle. When completed, due to the vast amount of stone that was cut away, they weighed only about 23 tons each. Two eagles therefore made a car load.

Totalling the man hours spent in roughing out and carving of these eagles, it is found that it would take one scabbler three weeks and a day to rough out each eagle, and then take a carver twelve weeks and four days to carve each eagle. In order to facilitate the work, however, 6 scabblers were employed in roughing out the work and 10 carvers to execute it.

The men who worked on the scabbling were:

| | |
|---|---|
| A. T. Henkins | Ollie Cecil |
| Raleigh Deckard | Daniel Hicks |
| Evert Martindale | Homer Hudson |

The carvers were:

| | |
|---|---|
| Connor Wykoff | Ross Bair |
| Roy Lancaster | Walker |
| Ernes Aeillo | Hazel |
| Geo. Desmond | Mathews |
| H. Soder | Newmeister |

These carved eagles are to form the terminal feature on each of the four pylons, (two at each end) of the Memorial Bridge crossing the Susquehanna River at Wilkes-Barre, Pennsylvania.

The eagles have an extreme height of 9ft.-0 and a wing spread of 9ft.-6in.

The pylons which they surmount are rectangular in plan 22ft.-0x10ft.-6in. and have a height above sidewalk, not including the eagles, of 48ft.-0, and a total height above the river level of about 85ft.-0.

It is thought that these are the

(Continued on page 14)


# ---service

Fifty-two years ago today a telephone was used for the first time. That then crude device has developed till today it is one of the world's great industries and investments and perhaps its greatest saver of time. The men who perfected it and put it to use were honored with riches and undying fame. The reason for this was that the telephone was SERVICE.

Service is the most noble thing in life. In fact it is about all there is in life that is really worth while.

It is the doing of something that will be of benefit to others.

No great success or fortune was ever made except by Service, and no individual or institution that really served has ever failed.

We cannot all do the stupendous or miraculous by invention or promotion, but Service in life is not confined to genius.

There are none so lowly but can make their lives a benefit to others and none so mighty as can ignore the obligations.

For the young the pathway to success is simple. It is SERVICE.

Give the world something for which there is a real need, do something of real value for others, and your recompense and future will be assured beyond your fondest dreams.

From the beginning of this business it has been our aim to render a very real service to this community and to that end every effort will at all times be expended.

# Breeden's

BETTER VALUES

# July Accidents Indiana Limestone Co.

W. C. Carmical working at Kurrie Quarry is minus finger nail on third finger of left hand due to catching it between pipe and stone. This accident happened July 5, 1929.

Joe Anderson working at Walsh Quarry ran splinter under finger nail.

Ray Hert, University Quarry is also minus a finger nail caused by catching it between track and spaul. Watch your fingers!

We notice Lewis Perkins, University Quarry had two ribs broken pulling on boom blocks which when slackened let him fall on block of stone. He returned to work July 29, 1929, losing 20 days.

Ray Borders, hooker at Dark Hollow, who was caught by stone turning over on his right foot breaking three toes has returned to work as hooker at Black Diamond Mill.

George VanPelt, Tribune Mill, is back at work after being off for a few days with some mashed toes.

Raleigh Underwood, Shea Mill, lost a few days from work because some one had stacked stone too near edge of skid way. Raleigh was lucky no bones were broken. Hookers watch where and how you set down stone.

Olen Bartlett, P. M. & B. Quarry was driving wedge, sliver of which flew striking his right wrist. Olen is a breaker. Wonder if he was protecting his eyes from slivers by wearing goggles.

Another one from P. M. & B. Quarry, Ernest Southern had toe mashed from falling stone, where were his SAFETY SHOES.

Here is Lionel Blackwell, operating steel lathe, shaving flew in eye. Better wear your goggles when operating lathes.

Here is General Hale from P. M. & B. Quarry, burr from wedge lodged in left forearm. How about sending burred wedges in to blacksmith for repairs.

Homer Hinkle, McMillan Mill, scratched first finger on left hand by hitting hand on corner of planer tool, however didn't think it would amount to much. It became infected and he had to go to the doctor for several treatments. Get first aid treatment at once no matter how slight the injury.

Another planerman, Hart Fultz, at McMillan Mill while grinding tool on power grinder, emery dust flew in eye. Wonder where his goggles were?

South Bellush, McGrath Mill, apprentice planerman struck tempered end of planer tool, steel flew and hit him in left arm below elbow. Can not some of you journeymen explain to these apprentices that they cannot hit tempered end in Safety.

Planermen don't stand and watch tool-grinders shape your tools. Here's Cecil Cline, who was just passing by Emery-wheel while tool was being ground and got two pieces in his eye.

Beware of rupture. Here's Lewis Wiggins, Clear Creek Mill, while loading gang lifted stone in order to level it and strained himself, losing three days; he might have ruptured himself and lost three months. Get help and don't over estimate your strength.

Andrew Howell, Mather's Quarry,

THE BLOOMINGTON NATIONAL BANK
BLOOMINGTON, IND.

**Ready Cash**

is a personal as well as a business essential.

Wise economy, together with the regular use of a 4 per cent Savings Account with The Bloomington National Bank, will soon provide the surplus fund you need. Come in today and make your start.

The BLOOMINGTON NATIONAL BANK

MEMBER FEDERAL RESERVE SYSTEM

## Eagles For Memorial Bridge

(Continued from page 13)

largest single pieces of sculpture ever carved in the Indiana Limestone district, with the possible exception of the two sphinxes which rest upon the ramp piers on either side of the front entrance steps to Temple of the Scottish Rite at Washington, which in the rough form each weighed approximately 120 tons, but these do not have as great height or overall width as the eagles, though of course were of greater length.

was knocked down by a Push Car, sprained right foot and lost two days work. Keep in the clear at all times.

Report on Karl Lee, Hoadley Mill, says that he was working at bench using a HARD hammer, missed the chisel and struck index finger on left hand.

F. Stigall, Dark Hollow Quarry, while helping pull back a wire whip, ran strand of wire in right forearm. Mr. Stigall has been off duty since July 29th with an infected arm. Better report all puncture wounds at once and get medical attention.

Allen Logsdon, Dark Hollow Quarry, injured when changing drills, drill fell on his foot mashing same.

R. M. Jones, Dark Hollow Quarry, lost 5 1-2 days due to an injury caused while setting block of stone in between two other blocks. Stone caught on one of the blocks knocking off a large spaul which fell catching Jones left foot. A man showed me a hand minus two fingers Saturday, which happened in similar manner. When in a close place be extra careful.

Do you know that the Indiana Limestone Company has had 26 eye injuries during the month of July, looks bad. Someone might have lost an eye. Better wipe off your goggles and put them on, now!

* * * * *

## MODERN STONE MILL MAINTENANCE

When a planer's on the hummer—do I stop,
Let it lay around all summer at the shop?
Do I sit down in the shade,
Drink iced tea and lemonade,
While the drawings that's made,
Goes to pot—like as not?
When the parts fly off the traveler—do I say
Everything is now all over for the day?
Do I make a doleful sound,
Wring my hands and stand around,
While the Super stamps the ground,
As he may—while I pray?
When one end falls off the miller—do I swear,
Wreck my nerves, and fill my liver with despair?
Do I fume around awhile,
Putting pieces in a pile?
Then walk home about a mile,
Through the glare—so full of care!
Do my breakdowns make me holler—let me state
They haven't cost a dollar—not of late,
For I take some bailing wire,
And my fingers for a plier,
And I fix what you desire,
Up to date—while you wait!

By E. H. Baker, Nolan Shop, Bloomington.

* * * * *

## Joe Hunter Injures Fingers

Joseph Hunter, car-blocker at Dickinson Mill met with an accident August 10, 1929, badly lacerating first and second finger on left hand.

While operating wood rip-saw his hand slipped on wet board coming in contact with saw.

Joe is an experienced car-blocker, forty-seven years of age. He knew the danger of operating a cut-off saw and also that sawing a wet board is more dangerous than a dry one. Knowing these things he should have taken every precaution to avoid injury. What is the price he must pay?

Suffering, loss of time and possible permanent injury besides his good wife must cut up his beef steak for several weeks.

We should profit by Joe's misfortune.

* * * * *

The many friends of Stanley Reuter, employee of McGrath Mill, who has been confined to his bed for the past six months, will be glad to know that he is able to sit up in an invalid chair part time and has enjoyed an all day outing at Bill Roinden's summer home on White river. He appreciates his friends calling.

to our friends.....

# The Working Men

WE ANNOUNCE THE OPENING OF

**Our Industrial Loan Department**

*We Loan Money to Industrious*
*People With a Years*
*Time to Repay*

IF YOU ARE IN NEED OF A LOAN ASK US TO EXPLAIN OUR SIMPLE PLAN OF OPERATION

# Stone City Bank

Oldest Bank in Bedford, Indiana

# A. J. THOMPSON STONE CO.

## Indiana Oolitic Limestone

## CUT STONE CONTRACTORS

Jobs Now Being Fabricated

CAMPANILE FOR STATE COLLEGE
Brookings, South Dakota

FIRST PRESBYTERIAN CHURCH
Fargo, North Dakota

SENIOR HIGH SCHOOL
Parkersburg, West Virginia

ATHLETIC BUILDING
St. Bernard, Ohio

Ellettsville, -:- Indiana

Plant office: *Bloomington, Indiana*
Chicago office: *Tribune Tower*

# Monon Stone Company

FRANKLIN T. BRODIX, *President*

## *Quarrymen and Cut Stone Contractors*

***INDIANA OOLITIC LIMESTONE***

# Cooperation and Safety Among Stone Employees

By FRED E. HATFIELD, Safety Engineer, Indiana Limestone Company

JULY accident experience is conclusive proof that the employees of the Indiana Limestone Company are conscious of the value of Safety and Accident prevention.

The Cut Stone plants of the Indiana Limestone Company worked 527,055 Pay Roll Hours with only five lost time accidents.

The Quarry Department of the Indiana Limestone Company worked 7,563 Pay Roll Hours with only thirteen lost time accidents during the month of July.

Group No. 1 operating the entire month without a lost time accident and only four minor injuries requiring medical attention.

Employees of both Cut Stone and Quarry Departments are to be congratulated on this past month's record, which can only be accomplished by individual interest and cooperation in Safety and Accident prevention work. No man can engage in a more noble work than preventing accidents. There is nothing that causes more hardship to the workman and his family than accidents causing personal injury.

Visualize the employee walking on crutches or compelled to sit at home and to be waited upon by the good wife as the result of one or more broken toes that could have been prevented by just a little precaution in wearing Safety Shoes. Also the fellow who disregards Safety Rules in wearing goggles to prevent eye injuries. Several one eyed employees are proof of the value of wearing goggles.

One of our good hookers has been off for the past four weeks with three broken toes and has ordered a pair of Safety Shoes (a case of locking the barn after the horse has been stolen.)

Carlessness and not thinking of the job you may be doing is responsible for 85 per cent of all industrial accidents. The old timer who will not listen to Safety Instructions frequently has a serious accident.

The old saying "That it is hard to teach an old dog new tricks" is quite true, but it can be done. The old timer should feel that the Safety Engineer is specializing in Accident prevention work and is continuously making investigations of accidents and the cause which qualifies him for making safety rules. It is common for one to say, "I have been doing it this way for a number of years and have never had an accident," and yet, it will be only a short time until some one will get injured doing just what they were instructed not to do.

The greatest factor in Accident Prevention is the human element. The time is here when if one cannot be sold on safety he does not stay long on the job. In the business world the prevention of accidents is an achievement so well worth while that it is now quite generally considered a part of every industrial undertaking

(Continued on Page 23)

*Trade of the Quarry Employees Duly Appreciated*

Curry Coal and Supply Company

L. J. FOWLER, *Proprietor*

***Eastern and Native Coal***
***Building Material***

*Telephone 2600* *Bloomington, Ind.*

306 West Kirkwood Avenue
One block west of square

If it is

***Electrical***

we can Repair it

*Motor Repairs and Armature Rewinding*

***Bedford Electrical Repair Shop***

*1014 14th Street*
*Phone 433-W*

*BEDFORD - INDIANA*

# AUTOMATIC TRAIN STOP

## LATEST TRAVEL SAFETY DEVICE

### *Monon Route First and Only Line Between Indianapolis and Chicago to Install This Marvelous Safety System*

Automatic Train Stop, the latest travel safety device, has been installed and is now in operation on the MONON ROUTE over its entire line between Indianapolis and Chicago.

This device, electrical in operation, is installed in track and engine, and is synchronized with the Automatic Block Signals. It endows the Automatic Block Signal with power to enforce its commands. Heretofore, the Automatic Block Signal, sometimes called the "silent sentinel," has had power only to warn the engineman. Now it has power not only to warn him but actually to stop him. Should the engineman fail to see and obey the warning signals, the Automatic Block Signal, with the new power conferred on it by Automatic Train Stop, takes the control of the train out of the engineman's hands and stops it.

With this latest safety system in constant operation, you ride secure in the knowledge that the possibility of human error no longer constitutes an element of risk in travel.

This latest safety system is for the protection of our patrons. It is the result of over twenty years of extended research on Automatic Train Control. It protects the train upon which you are traveling on the darkest night or in the thickest fog. It helps to bring it in on schedule time. It is also of benefit to shippers and buyers, especially in the transportation of perishables, live stock and valuable merchandise.

Although both the Automatic Block Signal System and the Automatic Train Stop System have been installed between Indianapolis and Chicago at a large expense, not a penny has been added to the railroad fare nor to the cost of freight shipments.

The introduction of these marvelous safety systems is typical of the MONON'S progressive policy to give to its patrons the best that is available.

When you travel between Indianapolis and Chicago, do as most people do—travel on the

**MONON ROUTE**

CHICAGO, INDIANAPOLIS & LOUISVILLE RY.

# Stay Away From "Get-Rich" Booms

(Continued from Page 17)

of the morus multicaulis, as the prolific Chinese mulberry was scientifically called. In the early days of the boom a single advertisement held out the lure of easy money. Three months later this modest advertisement had multiplied into half a dozen and a little later into a dozen. Men who were "experts" in the raising of silkworms came and lectured, charging fat admission charges. It was shown that one acre of ground planted with these trees would produce from $200 to $500 in profits. Think of the prospect this held out for the man with a plantation almost as large as a European principality. Even the poor man with his single acre had his visions for $200 was a tidy sum in those days.

**Too Many Mulberry Trees**

Did Richmond folk nibble at the worm? Like the early bird, they did. The bare red hills were soon covered with the sprouting morus multicaulis. There was not enough space for all that were purchased. It even was proposed in the Common Hall, as the town cuncil was known, to permit the planting of the trees in the cemeteries. Homes were mortgaged to buy the trees. Kitchen, bedroom and even church windows were pressed into service as "cocooneries" when the sikworm eggs were hatched.

Everybody was talking silk. The Richmond Enquirer gravely talked of profits of $1,000 an acre. Books on the subject appeared and had a ready market. A magazine devoted to silk culture gained a wide circulation and associations of growers were formed. Lecturers spread information and probably a lot of misinformation.

A Glasgow merchant wrote the Virginia legislature offering to erect a $150,000 plant if certain concessions were made—and promptly his request was granted.

At one time the Richmond Whig said:

"According to the letters just arrived by the Charles Carroll to a mercantile house in New York, we hear that all the morus multicaulis trees existing in the largest nurseries of France and Italy have been bought at the most extravagant prices by American agents. The greatest speculation of the silk growers in Europe is now turned to the culture of the Alpine morus and the morus morette or macrophylla which are considered by the best judges more fitted to any cold climate and more adapted to give a finer quality of silk. The latter species bears a very large leaf and can, like the multicaulis, be propagated with the greatest facility by cuttings."

One of the earliest advertisements dealing with the morus multicaulis in Richmond papers was by Dunlop, Moncure and Company which offered the modest total of 20,000 trees. A little later we find 500,000 buds being offered. Early advertisements quoted first-rate shoots for 25 cents per hundred. Months later a Philadelphia paper is quoted as announcing the sale at auction of 280,000 trees at an average of 31 and a fraction cents each.

Thomas Pleasants, Thomas M. Randolph, and Henry Clarke advertised in the Whig that they had put in a nursery at Bellona Arsenal and "are prepared to purchase cocoons and

(Continued on Page 41)

C. F. LEWIS S. P. LEWIS

**Unusual Service**

We want every job to stand as a monument to skilled workmanship.

**LEWIS Electric Company**

Electrical Engineers

816 16th ST. BEDFORD, IND.

**Square Deal Tire Service**

806 E. 16th St. - Phone 74

Bedford, Indiana

THERE IS NO BETTER TIRE MADE THAN THE U. S. ROYAL CORD

ROYAL CORD, PEERLESS AND USCO CORD TIRES—ALL UNITED STATES MADE

**Diehl Richardson**

VULCANIZING BATTERY SERVICE

QUARRIES AT BLOOMINGTON AND VICTOR, INDIANA

# Reed-Powers
## Cut Stone Company, Inc.

*Cut Stone Contractors and Quarrymen*

*Mill and Main Office:* BEDFORD, INDIANA

OFFICE AND MILL SOUTH WALNUT STREET
ESTIMATES CHEERFULLY FURNISHED

CUT, SAWED, PLANED AND ROUGH
INDIANA OOLITIC LIMESTONE

P. O. BOX 364—TELEPHONE 5457

## Mutual Oolitic Cut Stone Company
INCORPORATED

**Cut Stone Contractors**

BLOOMINGTON, INDIANA

DIRECTORS

G. ANDERSON, President
THEO. J. LOUDEN, Secretary
THOS. L. ROBERTS, Vice President
W. H. McKNIGHT, Treasurer
JOHN H. WILSON, Mill Supt.

# Cooperation and Safety Among Stone Employees

(Continued from Page 19)

—although various executives have different ideas in regard to the importance of the "part."

The measure of success achieved by those with (1) the thoroughness in which they believe in accident prevention (2) the thoroughness with which they convey their belief to subordinates, and (3) the thoroughness of the cooperation of every individual in the plant.

A nail is a small thing yet exceedingly useful in its place. On the other hand a nail out of place may be the cause of an injury quite possibly followed by infection and death. The executive staff may have highly resolved that the number of accidents "including those in which nails play a part" must be reduced, but unless the full meaning of this resolution is conveyed to the subordinates and to the workmen, the accident rate will show little change for the better.

If when removing cleats from cars that are to be reloaded, opening crates and such like, boards with protruding nails are left lying about, it is expected that men will step on nails and be injured.

While passing through the mill or yard a workman may see a board containing an up-pointing nail and carefully avoid stepping on it thus by a narrow interpretation complying with the letter of the rule to "avoid accidents."

The vital spirit of Safety has been violated however in that the hazard was left for one whose steps were less wary.

The workman could have removed the board to a safer place or moved it to one side and turned it over or reported the matter to his foreman. Any one of these courses would have been evidence that workmen at least were cooperating with the executives in an effort to keep down the accident rate.

Such an incident however should not be closed without an attempt to find out who originally violated the cooperative spirit and created the hazard by leaving the board in this place and condition.

One possessed of an all seeing eye and therefore able to observe the daily violations of Safety practices in any of thousands of plants would probably despair of ever securing cooperation between man and management in the matter of Safety. He might even have doubts concerning the infallibility of nature's first law "Self Preservation" and certainly he would feel pessimistic about the "My Brothers Keeper" attitude of many workmen. We do not possess an all seeing eye, but we have observed a marked change in the attitude of workmen in our stone district generally toward Safety.

* * * * *

## Accidents for July 1929, Indiana Limestone Company

| Group No. 1 | Total Acc. | No. L. T. |
|---|---|---|
| Dickinson | 2 | 0 |
| Dugan | 0 | 0 |
| Walters | 0 | 0 |
| Salem | 0 | 0 |
| Struble | 1 | 0 |
| Brooks | 1 | 0 |
| Total | 4 | 0 |
| Group No. 2 | | |
| McGrath | 2 | 0 |

(Continued on Page 43)

CITIZENS TRUST COMPANY

Real Estate and All Kinds of Insurance

Interest Paid on Savings Accounts

Acts as Agent or Fiduciary

BEDFORD, INDIANA

# The Carl Furst Company

**Cut Stone Contractors and Quarrymen . . . . .**

**Indiana Limestone**

BEDFORD, INDIANA

# Heltonville Limestone Company

BEDFORD, INDIANA

FINEST GRADE
**Indiana Limestone**

Excellent Workmanship
. . . . Prompt Delivery

The Indian Hill Stone Company
Indiana Limestone
Bloomington, Indiana

Block, Sawed and Finished
**INDIANA OOLITIC LIMESTONE**

GENERAL OFFICES
1129 Tribune Tower, Chicago

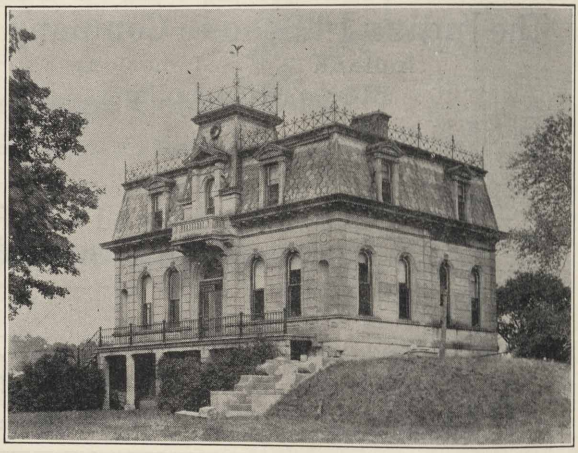
# Bloomington Limestone Company Buys Indiana Oolitic Company

WITH the acquisition of the Indiana Oolitic Stone Company in August, the Bloomington Limestone Company enlarged its holdings and properties until it is now one of the largest industries located exclusively on the Monon Railroad between Louisville and Chicago.

The Bloomington Limestone Company now owns and operates five mills and five quarries. The purchase of the Indiana Oolitic Company holdings include the transfer of 600 acres of stone land, the Wampler and Crowe quarries and the cut stone plant in Ellettsville.

The offices at Ellettsville have been closed and the drafting offices have been taken to the general offices of the Bloomington Limestone Company in Bloomington. Mr. Ben Crowe, formerly president of the Indiana Oolitic remains with the Bloomington Limestone Company. Mr. Hobart Owens, and Mr. George Bollenbacher and the drafting force also remain.

The fact that the business of the Bloomington Limestone Company had grown to a place where it was necessary to absorb the Indiana Oolitic Stone Company, seems to prove that their policy, which reads along these lines, is true. They say:



Matthew's Homestead, now the Property of the Bloomington Limestone Co.

"Our policy to give our personnel, our customers and our competitors a square deal has resulted in receiving from them an equal measure of sound, honest treatment. That a platform such as this pays is evidenced by our "Ever Widening Circle of Friends."

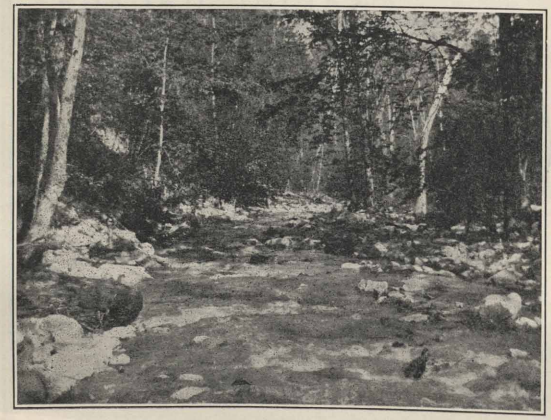
The Bloomington Limestone Company has made rapid growth in the past two years, and it is regarded as one of the most prosperous and active stone companies in the district. The property which this company just acquired is well located and it has extensive high grade stone deposits.

The deal between the two companies was consummated mostly through the exchange of securities rather than through cash.

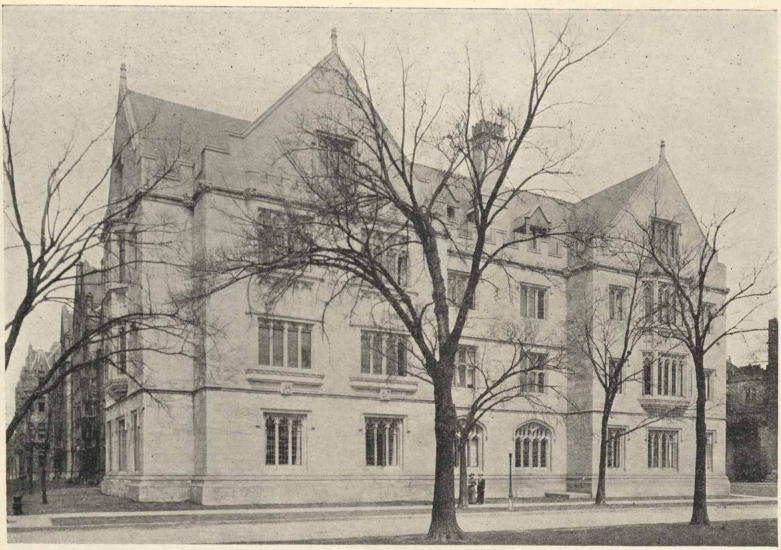
It is interesting to us to learn that, with the purchase of the Crowe Quarry, Mr. Harry Johnson, President of the Bloomington Limestone Company again came back to his "first stone" —as it was on this same property that he ventured into the limestone business 28 years ago.

Undoubtedly, this acquisition means a great deal to the trade and to the industry, as a whole. Again it proves that the limestone operators in this district are wide-awake, that they are trying to make working and living conditions as pleasant for their employees as possible and

(Continued on Page 30)



Up the Canyon at McCormick's State Park



Classics Building, University of Chicago, Chicago, Illinois; Shepley, Rutan & Coolidge, Architects; Furst-Kerber Construction Company, Contractors; Buff stone furnished by Indiana Limestone Company.

# W. F. Meyers Saw and Tool Co.

Often as we pass around through the stone mills looking up shop notes, we are led to pause and watch the water forced over a diamond saw as it ploughs through the stone with the same ease and rapidity, almost, that the ordinary wood saw goes through a poplar board.

As we contemplate the scene the question naturally arises in our mind, "what part does the diamond saw play in the economical fabrication of stone?" A mental reaction on the subject can scarcely give even an approximate appraisal of the commercial value of this wonderful machine, and the part it has assumed in cheapening the product of stone, that it might take its place in the modern building program of the country.

As the saw pushes its way into the stone, and the operator readjusts his machine for another "slab" to be taken off, the firm name of W. F. Meyers Co., is envisaged, and with this thought, the ingenuity of these pioneers who patiently worked out and presented this wonderful machine as a vital factor in the fabrication of stone, becomes a part of the picture our mind beholds.

With a broad vision of the great benefits the diamond saw was to prove to modern fabrication of stone, the machine has been evolved by these pioneer saw manufacturers from a crude beginning, through the various epochs of improvement and perfection, till it is now indispensable in stone fabrication, and in fact has revolutionized the business.

The true American spirit of service has actuated the Meyers Company to work unceasingly in producing a machine of great usefulness and durability, and in the knowledge, also, of the advantages of mass production, the firm is now the largest producer of diamond saws and saw teeth in the world, maintaining two large plants, for the manufacture of their product.

A short history of the diamond saw will be read with interest. Willard F. Meyers, a stationary engineer in New York City, back in the year 1887 conceived the idea of holding diamonds in metal to be used as a saw. With this idea, he carried on experiments successfully. Mr. Meyers opened a shop in Brooklyn to manufacture the saws.

By 1911 the business had grown to such an extent that it was deemed necessary to establish a plant devoted entirely to the manufacture of diamond saw teeth and tools, and the Bedford plant was decided upon. A separate corporation was formed under the laws of Indiana in charge of Victor A. T. Albright, formerly manager of the Long Island City Department.

Wth the phenomenal growth of the limestone business the W. F. Meyers Company has kept abreast of the expansion and has met the demand for its products by enlarged plants and increased production, and as a means of facilitating distribution a large plant has been established at Chicago.

The company has unexcelled laboratory equipment, and a corps of capable men are at work constantly with a view to producing every possible improvement, and at the same time reduce the cost of production.

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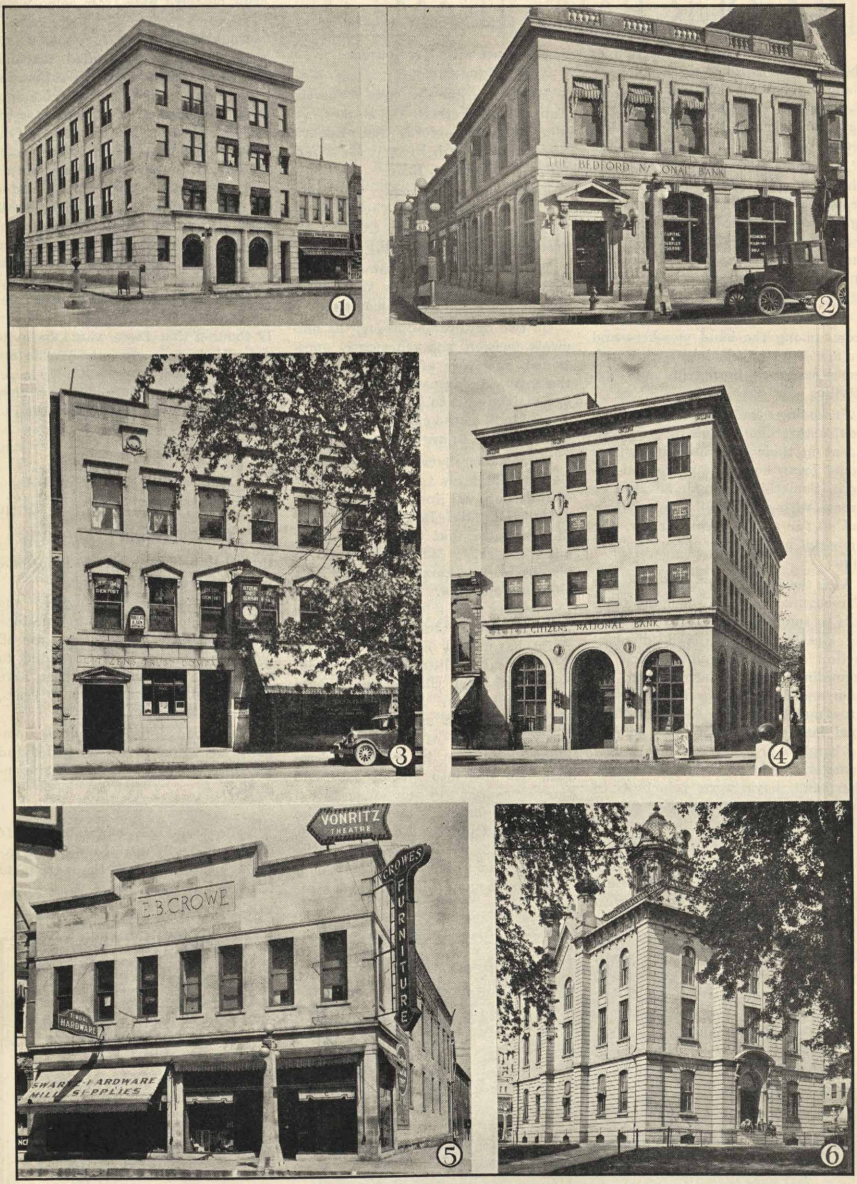
A pretty girl likes to be told she's intelligent, and an intelligent girl likes to be told she's pretty.

# Bloomington Structures Made of Indiana Limestone

Charles Gilbert Shaw, Photographer, Bloomington

No. 1—First National Bank; No. 2—Citizens Loan and Trust Company; No. 3—Monroe County Court House; No. 4—Monroe County State Bank; No. 5—Bloomington National Bank.

# Bedford Buildings Constructed of Indiana Limestone




The Long Studio of Photography, Bedford, Indiana

No. 1—Stone City National Bank; No. 2—The Bedford National Bank; No. 3—Citizens Trust Company; No. 4—Citizens National Bank; No. 5—E. B. Crowe—Lawrence County Court House.

# OUR BALL TEAM

Most every one in this section of the state has heard of the Employees' Band, under the Direction of Carl E. Preble. I wonder how many of you have ever heard of their base ball team?

It seems as though this man Preble played a few games of base ball around Old Vincennes a few years ago, and he naturally felt that with the experience gained while there that he was as capable of directing an aggregation of base ball tossers as he was a band.

A base ball team was organized from among the band members and games were scheduled with such teams as Avoca, Springville and Fayettville.

Preceding each game the team would start out all full of pep, confident in their own minds that they would bring home the proverbial bacon. Something would always go wrong with their well made plans, and so far as the records show, the almighty bacon was never brought home.

As is the case on all base ball teams of recognized ability, when the team fails to function properly and a loosing streak is encountered, dissatisfaction springs up and all sorts of grumblings can be heard from the team and fans. It was felt by quite a few members of the team and their loyal fans that the club was not being handled properly and that a new manager should be placed in charge. The band boys were reluctant to make such a change as they felt it might interfere with the harmony that prevailed among the band as a whole.

A few days ago Mr. Preble left town to fill an engagement with Sousa's Band at Winona, and during his absence a ball game was scheduled with the Estimating department, under the Captaincy of Roger Martin, ex-Wabash tennis star.

The game was played at Washington Park, Bedford, Indiana, on Wednesday afternoon, August 28th and resulted in a victory for the band by a score of 2 to 1.

The result of this game bears out the fact that there has probably been something wrong with the management of the base ball team and it is very questionable whether the management of the team will revert to Mr. Preble when he returns from his engagement with Mr. Sousa.

Notes of the game.

The teams line-ups were: For the Estimators: Ferrell, C., Becker, P., Martin, 1st, Hosford, 2nd, Edgars, SS, Wampler, 3rd, Brewer, L.F., Ferrell, C.F., Zollman, R.E.

For the Band: Murray, C., Conklin, P., Corbin, 1st, Taylor, 2nd, Cooper, SS, Red, 3rd, Giles, L.F., Statsney, C.F., McPike, R.F.

The umpiring was handled in a very efficient manner by M. L. Maddux of the estimating department.

On two or three occasions the umpire's decision was vehemently questioned however, after all had had their say, Maddux would say that he had estimated it to be a strike, a fair or foul ball, as the case might be, and it was useless to argue further.

Breezy Farrel, catcher for the estimators kept his team full of fight with a continual line of chatter from behind the plate. Becker, pitcher for the estimators put the old timers in mind of Christy Mathewson when in his prime. Beckers fade away was working splendid. He tossed it to the batters and it faded away over the out fielders heads. Bill McPike could have used Kramers big bass horn to catch flies in the outfield. Shades of 'Hal Chase,' you should have seen Roger Martin cavort around the first sack. Harry Hosford made one of the best 'Hook Slides' ever seen in organized base ball. He slid into second base and the peg caught the seat of his trousers. It is generally known that the band loaded up for the engagement, having such stars as Corbin of the Medora Mad Cats, Taylor and Cooper of the Lemon All Stars and a recruit on third base from some where in Texas.

Conklin, pitching for the band worked like a well oiled machine. With the assistance of the estimating umpire he had quite a few strike outs. Bright Hanner, first aid man for the estimators was present, but did not have to perform. He has been very busy since the game rubbing down a few sore arms. G. Warren Webster, of flat bat fame, claims that he will organize a club that can beat the winner. We question this statement very much. Peck Zollman won the prize for the best dressed player, appearing in a silk shirt and a pair of white flannel trousers. Peck evidently thought that there would be quite a few lady fans present. We do not know if these teams will play a return engagement or not, but if they do, it will be well worth your time to attend.

## Bloomington Limestone Co. Buys Indiana Oolitic

(Continued from Page 26)

that they believe firmly in limestone, its possibilities and its uses.

These men are fore-sighted and they will go far to make limestone available and economical for use all over the country. It is astounding to review the improvements that have come within the past 5 or 10 years, in the limestone business.

The Bloomington Limestone Company has again shown its belief and its alertness to the needs of the industry.

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Yellowstone park maintains a staff of scientifically trained men to explain phenomena of the region to tourists.

PHONE 377

BEN A. HITCHCOCK

HITCHCOCK GARAGE

Tires Firestone Tubes

We Specialize in BRAKE SERVICE

BATTERIES, ACCESSORIES & VULCANIZING

BEDFORD, INDIANA

# Senator Hoadley Believes in Quarries and Mills

Senator W. B. Hoadley, Superintendent of Walker Brothers Cut Stone plant, believes in Quarries and Mills, and his company has taken the initiative in ordering the publication sent to 25 friends, each for one year.

This looks good to us, and other operators might follow the same plan in putting our magazine in the hands of their friends. Senator Hoadley gives it as his opinion that there is no better way to advertise the limestone industry, boost for more business, and get the people to talking about us, than to inform them of our activities, the merits of our stone, the procedure in quarrying and fabricating it, and the extent of the business. Nothing succeeds like success, and it is easy when a proposition begins to gain momentum, for it to go over big.

We trust others may follow Senator Hoadley's lead.

The following open letter from the Walker Brothers Company, to the parties to whom they are sending our publication follows, with list of names:

Under seperate cover, we are sending you a copy of "Quarries and Mills."

We trust that you will secure as much pleasure from reading this little magazine as it gives us to present you with a year's subscription.

Yours truly,

Walker Brothers Stone Co.

E. P. Hunter, 715 East 8th Street, Bloomington, Indiana.

W. B. Hoadley, 513 North Park Avenue, Bloomington, Indiana.

E. E. Hoadley, Columbus, Ohio, care of Hoadley Cut Stone Company.

Glen W. North Construction Company, Terre Haute, Indiana.

Logan Bockius, Woodbridge, New Jersey.

S. M. Davis, Continental Bank, Indianapolis, Indiana.

Owen Walker, Bloomington, Indiana.

Paul White, 2811 Campbell, Kansas City, Missouri.

Carl Construction Company, Covington, Kentucky.

Consolvo & Overmyer, Norfolk, Virginia.

Warren Holmes Company, 112 E. Allegan, Lansing, Michigan.

J. M. Churchill, 906 Prudden Bldg., Lansing, Michigan.

Bound & Munson, Wilson Bldg., Lansing, Michigan.

R. V. Gay, St. Johns, Michigan.

Colton & Knecht, First National Bank, Grand Rapids, Michigan.

E. E. Batterson, 906 Westredge Street, Kalamazoo, Michigan.

Fay & Kasurin, First National Bank Building, Ann Arbor, Michigan.

Fred C. Triee Construction Co., 2113 Court St. W. S., Saginaw, Mich.

Harry Conrad, Christman Lansing, Lansing Michigan.

W. T. Shaw, Capital National Bank, Lansing, Michigan.

Reneger Construction Co., 122 N. Cedar, Lansing, Michigan.

Cowless & Mutscheller, Adams Building, Saginaw, Michigan.

Franz & Spence, Saginaw, Mich.

George Bachman, Pengelly Building, Flint, Michigan.

Malcomson & Higginbotham, Malcomson Bldg., Detroit, Michigan.

## Tribune Drafting Room

Jack Nolan was honored with a farewell dinner given by the office force, at the Hotel Graham, on August 22nd. Mr. Nolan accepted a position with the Victor Oolitic Stone Company.

A delicious three course dinner was served and the fellows presented Jack with a large cameo ring.

After dinner everyone took a hand in telling bear stories. However in this art George Baker and Claude Hoffman excelled.

Those who attended were: Jack Nolan, guest of honor; C. W. Carter, chief draftsman; Roy Inman, Wayne Swango, N. W. Pfaender, R. W. Burns, Lowell Alkire, Boyd Porter, Claude Hoffman, Paul Griffith, W. B. Allen, E. C. Robbins, Geo. Baker, Forrest Fowler and Russell Beard.

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Violet McNary is back to work after enjoying a vacation and honeymoon. She was married to Sidney Blair, diamond saw foreman at the Tribune, August 3rd.

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Marjorie Welbourne has returned to work in the ticket room after spending a week with friends in Newcastle.

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Garnet O'Pell spent her vacation in Cleveland, Ohio, visiting relatives.

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George Baker has returned to work after enjoying a very pleasant vacation.

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Paul Griffith is on a business trip for the company at Lansing, Mich.

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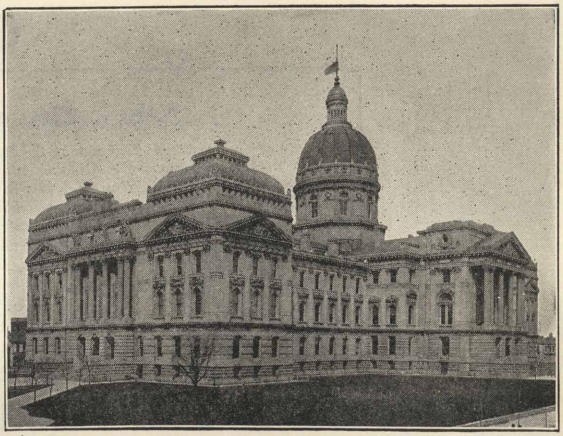
Nothing is quite so pathetic as an old man trying to make up for the virtues of his youth.



INDIANA STATE HOUSE

Diamond Saw Teeth

# W. F. MEYERS C

## Largest Manufacturers Diamo

## Complete Service on

### Fabrication of Stone

One of the most vital features of the fabrication of stone is the Diamond saw. Before the invention and introduction of the Diamond saw, the mallet and chisel were the "Tools" used chiefly in fabrication. The process was slow and expensive. Those methods when compared with the efficiency of to-day seem crude. With the introduction of the Diamond saw, production stepped up, with reduced cost of fabrication. The W. F. Meyers Company are pioneers in Diamond saw and Tooth industry. After patiently experimenting for 40 years, we have perfected a saw that is thoroughly accurate, rapid and in every way satisfactory. We are the largest producers of Diamond saws in the world, and our record of increasing volume of business is the best evidence that our product is proving satisfactory.

**THE WORLD IS OUR TERRITORY : :**

# COMPANY, Inc.

Diamond Tool Dressers

## ıond Saw Teeth in the World

W. F. Meyers Company,
Bedford, Indiana
Gentlemen: Attention: Mr. Victor A. T. Albright

In acknowledgment and response to your recent letter requesting an expression from us relative to your "DIAMOND SAW TEETH," and especially as regards their use in connection with the Scottish Rite Temple, as you know we have been users of your products for a great many years and we can assure you that we have always found your product up to the highest standard of workmanship and material and the service which you are rendering leaves little to be desired.

Concerning the Scottish Rite Temple at Indianapolis, your diamond saw teeth, both splints and solid diamond rip teeth, were used to cut every foot of stone in this building.

We take this opportunity for complimenting and congratulating you on the quality of your product and the progressiveness of your company.

Yours very truly,
MATTHEWS BROTHERS CO.
G. H. Barrett,
Vice President.

## on Saws and Blades

### The Scottish Rite Cathedral

Just now the most prominent structure claiming attention of the public is the Scottish Rite Temple at Indianapolis, which is to be dedicated September 20th. Every piece of stone in this marvelous 20th century triumph of architectural beauty required the utmost accuracy. The stone is of the highest grade—too valuable to stand loss. It gives us pleasure to point to the fact that our saws and teeth were used by the Matthews Brothers Company in the fabrication of the stone used in this magnificent structure, at their splendid plant at Ellettsville. The above letter from the company is self explanatory, and duly appreciated by us.

## :  OUR PRODUCT THE HIGHEST STANDARD

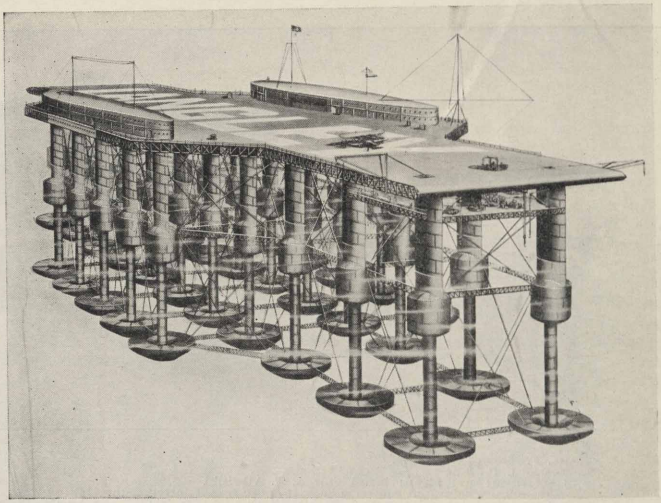
# What's New in Way of Ocean Travel

## [THE NATION'S BUSINESS]

IN the July number of the Nation's Business, Edward R. Armstrong, consulting engineer to the duPont Corporation, proposes a system of Ocean Floats, as a means of making travel by air, and also by water, safer.

Since distance is the only obstacle to safety, the problem in establishing ocean airlines is to shorten the distance—to break it up into lesser distances at the end of which the plane may be serviced, weather reports received and help dispatched to the plane in the event of a forced landing on the sea.

That is the purpose for which the Armstrong seadrome was designed. A series of eight of these large floating islands strung across the Atlantic at intervals of 375 miles will remove the hazard from ocean flying and make it possible to leave the United States by airplane Friday, spend Saturday and Sunday in Europe and return to New York in time for the opening of business Monday.



The Armstrong Seadrome, or floating island, showing the buoyancy units, landing deck and accommodations for the personnel of the island and the transient passengers.

This is not the idle dream of an optimistic imagination. Five years at the least should see this system of air transportation in complete operation. In fact, the first seadrome, now under construction, will be placed in operation between New York and Bermuda next year. When it is thoroughly tested, construction will begin on dromes for the trans-Atlantic route.

The Sun Shipbuilding Company, of Chester, Pa., is planning to build the buoyancy tank substructure of this first seadrome. The Belmont Iron Works of the same city will construct the bridge trusses and floor system and will assemble the huge island inside the Delaware Capes. From there the Merritt-Chapman and Scott Company of New York will tow it out to sea to a point midway between New York and Bermuda and anchor it with a special cable designed by John A. Roeblings of Trenton, N. J.

Nor is the seadrome a wailing infant financially. It has the support of a prominent group of business men, many of them being active in the duPont and General Motors corporations. The cost of building this first of the series will be between $1,500,000 and $2,000,000—less than that of some of the first-class land airports and about 10 per cent of the cost of the largest passenger liner.

### Artificial Islands

Approximately 10,000 tons of iron and steel will be required for each seadrome and the total displacement will be 25,000 tons, of which half will be ballast. The buoyancy units, rustproof iron tubes, will extend 160 feet under the water. The landing deck, 1,200 feet long and 200 feet wide, will stand 80 feet above the water level.

Below the landing deck, at the stern, is the service and boat deck. Hangars will be located in the central deck housing section adjacent to the shop and storage space where repairs can be made and a stock of parts and supplies for the planes maintained.

Each seadrome will be a unit in itself with hotel accommodations, power plants, radio stations and weather stations. The hotel accommodations are more or less elaborately planned as may be required to serve both the operating personnel of the seadrome—about 80 persons—and an equal number of transient guests.

From the weather stations on each seadrome data will be gathered to forecast flying conditions. Improvements in radio beacons as perfected by the United States Bureau of Standards make route mark buoys along the route unnecessary. Even in a heavy fog a plane would be able to find its way to a station and, if unable to land on the deck, could alight in the water nearby and could taxi or be towed to the drome where a huge crane would lift it abroad.

The dromes could also be used to provide cheaper telephone service between the western and eastern hemispheres, each of the series being used as a stepping-up station for trans-

(Continued on Page 35)

## What's New in the Way of Ocean Travel

oceanic conversations over the radio or as a cable relay station.

An important feature incident to seadrome operation is the supply service, by means of which all the operating materials and supplies are delivered to the dromes by ships especially adapted for this service.

Gasoline and oil will be delivered by tankers to the supply tanks in the buoyancy units below sea level at the stern of the seadromes. These supply ships are to be protected from waves when necessary by air breakwaters which effectively destroy wave motion by diffusing compressed air from perforated pipes. Air bubbles rising through the water break up the waves, reducing the greatest turbulence to a swell that a rowboat could navigate safely. A safety zone about 250 feet wide and 600 feet long will be maintained when servicing operations are going on, so that supplies may be transferred from ship to barge to drome under virtually all weather conditions.

**Safety and Low Price**

Through the use of these seadromes ocean flying can be made as safe and inexpensive as any other form of sea travel. The seadromes themselves will be absolutely secure. Under heaviest seas they remain stationary without roll or tremor. Tests of models in hurricane seas have proven that. The anchor, especially designed, cannot pull away, and changes of wind merely swing the seadromes around to provide the best possible landing conditions.

At no time on a trans-Atlantic flight would an airplane be more than 200 miles from a landing field and refueling station. Radio telephonic communication will be maintained between seadrome and plane. Should a plane be forced down on the water, speedy power boats will be available at each station to rush to the rescue. If bad weather threatens, warning will be broadcast and planes will remain on the dromes safe from the elements.

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The Lewis Electric Company, 816 16th Street, solicits your work, and it is their policy to do work entrusted to them in a satisfactory manner, at moderate prices.

# Spencer Offers Fine Inducement for the Location of Stone Mills

Progressive business firms of Spencer, Indiana, in this month's issue of Quarries and Mills, boost this city as the Future Stone City of America. They cite that Spencer is located in the rich Indiana Oolitic Stone belt and that the trend of late years has been towards Spencer. With stratas of the finest stone to be found in Indiana laid down adjacent to and nearby the Pennsylvania Railroad, this town believes that it is the logical location for stone mills and quarries.

The business men of Spencer will cooperate in any manner with the right person who will put a stone mill in the city and will assist financially, too. Already one of the best stone quarries in Indiana, the Ingalls Quarry, is located at Romona, 4 miles northeast of Spencer on the State Road from Vincennes to Indianapolis.

Spencer is a live town of about 3,000 population, boasting of good schools, up-to-date merchants, beautiful homes, one of the best water systems in Indiana and a wide-awake citizenry. It is the county seat of Owen County and has splendid transportation with the railroad and two through bus lines. McCormick's Creek Canyon State Park with a $50,000 swimming pool and bath house is 2 miles east of Spencer.

Stone men should get in touch with this wide-awake city as to future possibilities in the stone industry. Anyone wishing to learn further about Spencer write Walter Broughton, president, Spencer Chamber of Commerce.

# Old Timer Writes From California

1940 3rd Street
San Diego, California
August 23rd, 1929

W. B. Harris & Son
Ellettsville, Indiana

Since reading an article in one of your late Quarries and Mills magazines I discover that I am one of Solomon's tramps.

Over fifty-five years ago I started to learn the stone cutting trade at Logansport, Indiana. I served my time and started out to see the world.

Well, I guess I have seen it from almost every angle, and many years ago I landed in what I think is the most beautiful city in the world, San Diego, California.

A short time ago I had a trip back to New York, and on my way home stopped off at the old home town, Logansport, Indiana, and thought I would go out to the cemetery and see if the first stone I ever cut was still standing, and I found it and it looked just about as good as it did over fifty years ago. It is a little square base, 1-8x1-8x1-3.

I am not useing the old mallet any more. Just have charge of a branch Granite yard of the Simpson-Pirnie Granite Company, all finished granite monuments.

It is very interesting to me to note the great advance in the Indiana Limestone business. Since starting this letter I was called up to give figures on a Limestone mantel. So you see people away out here on the Pacific coast want Limestone.

Yours very truly,
W. E. Thomas

P. S. Born in Kokomo, Ind. Served time at trade in Logansport and have beat the Zeplin around the world three times.

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The Chevrolet is one of the most popular automobiles with the stone men. A visit to the quarries, and the number of Chevrolets on the road, demonstrates the fact that it's a leader. There is a reason. The car is dependable, economical, looks well, and its road performance is thoroughly satisfactory. The College Avenue Motor Sales Co., Bloomington, will be glad to demonstrate the Chevrolet and supply you with genuine parts. Dial 4855.

---

The Mutual Oolitic Company at Bloomington, recently reorganized, has plenty of orders to keep them busy, and the number of jobs they are figuring is a good indication that the fall business will be good.

# Lawrence County Court House to be Remodeled

In 1869 the Board of Commissioners of Lawrence County decided to build a new Court House. After a great amount of discussing over a site for the new building a brick structure was started on the northeast corner of Lincoln and 15 th streets, Bedford, Indiana to cost $18,-500. The faction which was opposed to this location circulated a petition calling for pledges from private citizens provided the Court House was built on the Pacific Square. Fifteen hundred dollars was raised in these pledges and the work was stopped on the structure then started. Hall and Harrison were allowed $7,685.39 for the work they had done on the foundation and the removal of the stone from the site. Plans were then submitted by J. A. Vrydragh, Architect, of Terre Haute, Indiana for a structure of limestone which were accepted and the contract let November 24, 1870 to Thomas N. Stevens for $75,000. Mr. Stevens was to "take on for the sum of $1,700" lots 27 and 28, the site of the uncompleted Court House.

One car load of stone had been shipped to Bedford from Ellettsville but the people of Bedford were proud of their own stone and demanded that local stone be used. The Ellettsville stone was used below the water table in the northwest corner of the building and may be identified by its yellow color. As a car load was then limited to 25,000 there was very little of this stone used, say about 125 cu. ft.

All the rest of the stone was furnished from Hall and Harrison's Quarry, the "Old Blue Hole," and stone of exceptionally fine texture and color was procured. This stone was quarried by hand and the use of powder. Due to the blasting a great deal of stone was lost through breakage. The ledges were turned by the aid of hand derricks and 16 ft. crowbars weighing as hign as 2100 lbs. The cuts were drilled and split with wedges as at present. The stones were then carried to the building site in wagons, hauled by oxen.

The stones were all cut by hand on the west side of the building. The workmen took great pride in this job which is shown by the excellence of the stone cutting and setting. The building was accepted by the architect, J. A. Vrydragh on March 27, 1872 and final payment was made to T. N. Stevens on June 8, 1872. The total cost of the building was $86,-485.39.

In the architect's report of March 27, 1872 it is interesting to note the following price:—

Rough stone $0.70 per cu. ft.

Stone for Belt Course and Facing $1.20 per cu. ft.

Stone for Steps $1.50 per cu. ft.

The latter stone was probably not cut ready to set as is the case at present as most of the cutting was done on the job.

This structure, which has held a prominent place in the history of the Indiana Limestone industry, is to be remodeled at an estimated cost of $390,000. The plans of Walter Scholler, Lafayette, architect, were recently accepted. The entire present building is being used in architect Scholler's plans. While all except the north wall of the present building is to be

(Continued on Page 37)

*may we help you....*

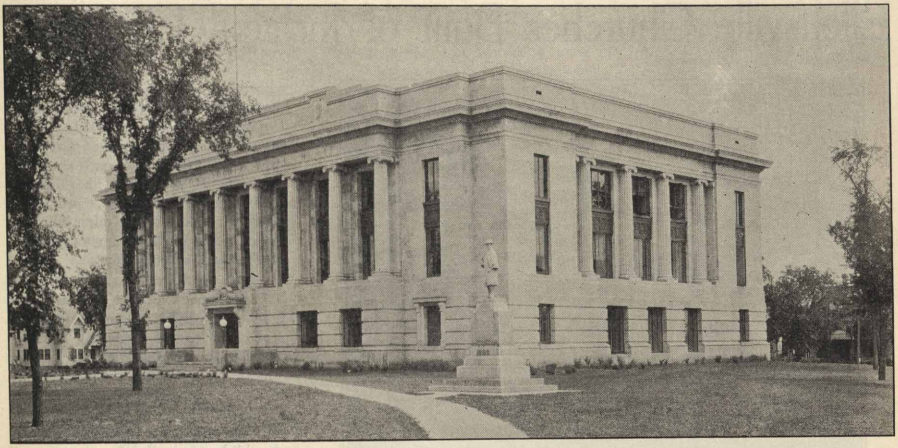
We want to make our Bank just as serviceable to you as possible. What can we do to help YOU? Just let us know.

Come in. Be assured you are welcome. Do you need a loan. Have you some business deal pending? Do you need financial advice? Are there papers to be made out? Do you need a safe place for your private papers and valuables? Come right in and tell us your needs, so we can help you.

4 PER CENT INTEREST PAID ON TIME DEPOSITS

**PEOPLES STATE BANK**

ELLETTSVILLE, INDIANA



New Court House at Watertown, South Dakota—Select Buff Stone—Fabricated by Harding & Cogswell, Cut Stone Contractors, Ellettsville, Indiana.

## Ten Billions in Roads

During the last ten years, the United States has gone in for road construction on a scale never before known to the world. It is estimated we have spent in that time ten billion dollars for road building and maintenance and have more than half of the world's 6,500,000 miles of highways.

Money spent for roads pays dividends in promoting agriculture and industry, facilitating business and drawing strangers from other places on social or business pursuits.

## Lawrence County Court House to be Remodeled

(Continued from Page 36)

hidden by additions, this face will still remain to show the durability and fine weathering qualities of Indiana Limestone.

The plans accepted are for a building in the form of a block letter "H," the present building with its addition to the south forms the horizontal portion. The full width of the building will be 102 feet and the length of the wings, 130 feet, 6 inches. Extreme care has been shown in the re-design of the structure so as to effectively maintain its supreme beauty and high architectural excellence.

## Bedford Foundry and Machine Co.

The Bedford Foundry and Machine Company is one of the most successful and reliable foundries in Indiana. During the years it has taken to build up a business of the volume and standing of the Bedford Foundry and Machine Company, it has been the policy of the company to square its actions by the golden rule, and with such a policy as a dominant factor, in conducting its affairs, the company has built a record of which any institution may well feel proud.

The Foundry was established in a modest way the year 1902, and has steadily grown until now it is the largest quarry and mill equipment foundry in the state, if not in the United States. Its business extends all over the United States, and reaches across the seas. The products are recognized as the highest standard, always reliable and dependable.

Messrs. Sohn and Son, owners and managers of the foundry are experienced engineers, and they have exercised great care in building up an organization of efficient help in the various departments of their business. A visit through the stone district demonstrates the fact that by far the greater part of the machinery in use was constructed by this firm. The uses of their products are not restricted to this area, but are staple equipment in the mills and quarries throughout the states.

The substantial, durable overhead cranes they build are used extensively throughout the length and breadth of the land, and their derricks, planers and gangs are recognized leaders, wherever this class of machinery is in use.

The company has developed a large business in structural steel fabrication, and their corps of engineers will welcome an opportunity to consult with anyone in need of this class of work, and quote prices on exact dimensions.

The record of the Bedford Foundry and Machine Company for careful, efficient treatment of the trade is first class, and is vouchsafed by the thousands of satisfied customers who have had dealings with them.

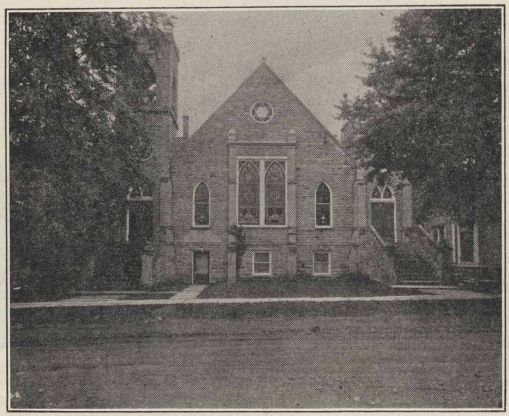
---

Ernest Freeman, who has been working for several months at the Bowman mill, has taken a position as superintendent of the Walker Brothers mill. Ernest is a very capable man.

* * * * *

If the profits are big enough the directors can usually iron out their differences without much trouble.

# Ellettsville Churches Built of Indiana Limestone



METHODIST EPISCOPAL CHURCH

## Win Wealth Honestly

By S. W. STRAUS, President American Society for Thrift.

Successful men who have built up large enterprises, in the majority of cases, owe their success largely to thrift.

Thrift gave them the start they needed and it was the development of this characteristic that imparted the combination of courage and cautious judgment without which there can be no substantial success in money matters.

Although the ability to make money is, to a considerable extent, a matter of natural aptitude, the still more important accomplishment of thrift can be acquired by anyone. There is no excuse for not saving money.

Thriftlessness is an indication of weakness. It is indecision of character.

Thrift requires steadfastness and the martialing of the last ounce of moral strength that we possess. But it does not require any special genius or brilliant gift of mind.

No matter how shrewd a man may be or how keenly developed his instincts for acquiring wealth, he will never be successful unless an element of thrift is woven into all his activities.

The so-called plunger—the meteoric financier—may at times seem able to defy prudent practices and the principles of thrift. But such success is seldom permanent. Wealth thus gained rather than through the working out of sound business practices nearly always proves transitory.

Lack of thrift has caused more financial failures than anything else.

How many men there are today who might have become wealthy had they only known how to save money! During the course of their careers they have earned large sums but these have slipped through their fingers from day to day. They had the natural gift of making money, just as their successful rivals, but they lacked the quality of permanent success—which is thrift.

---

The John A. Rowe Monumental Works, of which Burton E. Hanson is proprietor, is now turning out very fine stone mantels, carved panels, cemetery and lawn furniture memorials, and statuary work. Mr. Hanson is a real artist in this line, and the class of work is beautiful and of a very high standard. The plant is well equipped, and under the management of Mr. Hanson the volume of business is large and steadily increasing. Nothing in the way of retail trade is done, the business being confined to wholesaling. The products are shipped throughout the states, and wherever received are greatly appreciated as works of real art.

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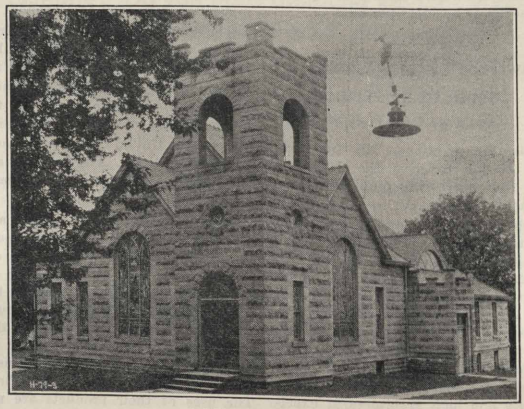
There are about 2,000 kinds of trees in the forests of Brazil which supply good lumber.

---

In civil war days the only known use for cottonseed was for planting more cotton.



BAPTIST CHURCH

# Indianapolis Oolitic In Hands of Receiver

**A. R. Marley, Receiver–Sale of Property in October.**

The middle of August the Indianapolis Oolitic Stone Co., at Stinesville was thrown in the nands of a receiver, by reason of a large unpaid payroll.

The suit for receivership was bought by M. L. Streicher, representing the employees. The amount due the men is around $13,000. A. R. Marley, Cashier of Ye Olde State Bank, at Gosport, was appointed receiver.

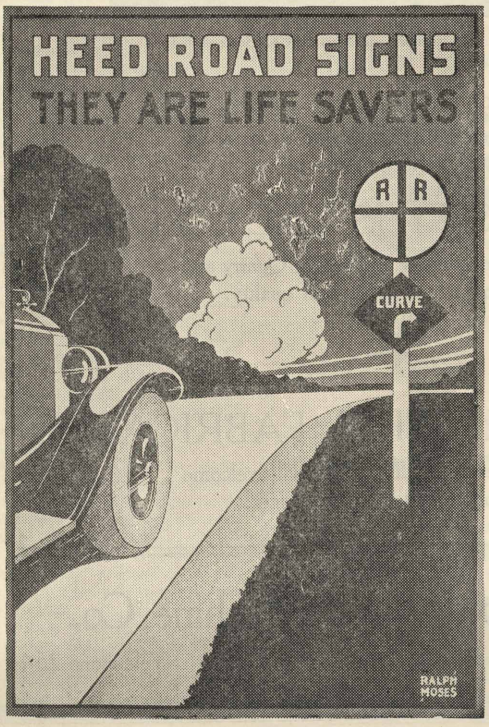
The property consists of a good mill of four gangs, four planers and two diamond saws. A very good buff quarry is a valuable feature of the plant. Lack of money to carry out contracts seems to have been the trouble. Andrew Zigler, is president of the company. Indianapolis parties hold a mortgage for $75,000 against the plant. All told the company is in debt over $100,000. The plant will be sold by the receiver some time in October.

The mill has been running the past two weeks in charge of Ervin and Berneice Stevens, finishing several cars of cut stone for E. Ainsworth, of Terre Haute, and William Moedinger, of Lancaster, Pennsylvania.

## DRIVER'S SAFETY LESSON No. 3

PREPARED BY THE

**Hoosier State Automobile Association**




# Careful Drivers

The Golden Rule is applicable in no instance greater than in the driving of an automobile. Our General Assembly, as well as the law-making bodies of practically every state in the Union, has enacted law after law designed to bring greater safety on the highways, and to many of these laws the solons have attached a penalty for their violation–on the theory that fear of punishment may make the otherwise reckless driver careful of the rights and safety of others.

In spite of these laws and despite policing of the streets and highways of the state, the toll of the automobile—seven hundred killed annually and many thousands injured—is too high.

It is with a view of bringing the greatest possible reduction in these figures of automobile fatalities that this paper is joining with the Hoosier State Automobile Association in the preparation and publication of a series of articles which will aid, if their suggestions are followed, in materially reducing this toll.

This paper and the Hoosier State Automobile Association believe that with a knowledge on the part of the automobile driver of the faults that lead to these accidents, many of the reckless drivers and fatalities may be eliminated in Indiana. Consequently the automobile association officials are continuing their successful accident prevention campaign inaugurated two years ago through the aid of the press and schools, and now are aiming at the reckless driver. A series of educational articles has been prepared designed to bring about a more uniform use of the proper methods of driving and to call particular attention to the many faults which are responsible for accidents.

Cooperating with the association this paper will publish articles and illustrations, and attention of readers is called to the series. Each article will point out one or more of the bad practices, and automobile drivers will do well to read them and see if they unconsciously have been guilty of some of the same bad practices.

# SATISFIED CUSTOMERS

That's the Foundation On Which We Have

## BUILT OUR BUSINESS

Exterior of the Bedford Foundry and Machine Co., Bedford, Ind.

The year 1902 we started in a modest way.
With the general expansion of business, we
have grown, too, and now

## OUR CAPACITY IS UNEXCELLED

For the production of all kinds of Quarry and
Mill Equipment of the best quality.

## STRUCTURAL STEEL FABRICATION

For all types of buildings. We will welcome
an opportunity to quote prices.

## Bedford Foundry and Machine Co.

FIFTH ST. and MONON R. R. - - - Telephone 254

# Stay Away From "Get-Rich" Booms

(Continued from Page 21)

will be enabled to furnish the growers of silk with silkworm eggs of the most approved kind." They announced that "we have engaged an assistant who is thoroughly acquainted with the care of the worm in all its stages, feeding, etc., as well as with the structure of the newest and most approved cocooneries, making silk reels and reeling the silk."

One advertiser offered each purchaser a valuable treatise on the culture of the morus multicaulis as translated from the Chinese. Another advertised that he had patented and would sell for $35 a "most simple, easy, expeditious, beautiful and economical machine for spooling and reeling the raw material from the cocoons and for twisting and making sewing silk." Any blacksmith or carpenter could keep the machine in repair, he stated. He claimed the machine "can spool 332,840 yards of silk thread in ten hours."

The advertisers soon became highly competitive. They warned of "humbugs." Frederick A. Ross, of Kingsport, Tenn., advertised that his tree is genuine, having been obtained at great expense." He stated that he had more than 30 acres under cultivation. William Prince & Sons, Flushing, N. Y., offered $1,000 if their trees "in Connecticut and Rhode Island are not equal to any in Virginia."

The trees were the real speculative feature of the boom and were more extensively advertised than the worms and eggs. The latter were quoted in Richmond papers in lots of from 20,000 to 240,000. Curtis Carter, of Richmond, wrote of having fed 270,000 worms "this season." He added that he planned to feed 3,000,000 the following year.

The eggs were offered in many varieties. One advertisement quoted eggs in ten-ounce lots, listing mammoth whites and yellow warranted "genuine." Other species offered were yellow ball, two-crop white and orange, imperial mammoth, and sulphur and peanut varieties—all raised in Virginia.

**From Little Eggs . . .**

The eggs were no larger than a grain of mustard. From one ounce of eggs it was possible to obtain worms enough to make 165 pounds of cocoons. It took 240 cocoons to weigh a pound. From one cocoon it was possible to reel from 325 to 650 yards of silk thread. One pound of reeled silk could be produced from 12 pounds of cocoons. To produce one pound of silk, 2,800 worms were necessary, and 152 pounds of mulberry leaves were required to feed them. The pound of reeled silk would make 16 yards of material, which was worth about $4.50 a yard.

A contemporary writer said that the country was affected by a "strange mania," a belief that every farm would be a nursery for young trees, every house would have its cocooneries attached, its silk worms of the bovoltine, trivoltine, or polyvoltine breeds. The wives and daughters while not feeding the worms were to reel the silk.

"Nobody has figured when time will be found to wear the silk," he sagely remarked.

Raising the trees was the easiest part of the silkworm fad. The hatching of the eggs and the care of the worms was a more difficult task. Then came the care of cocoons and the reeling of silk. While Chinese and European labor has managed this work, it proved too much for Americans, who, probably, were too easily discouraged. After a few crops had been nurtured, the trouble apparently outweighed the reward. The fev-

(Continued on Page 45)


The 8 million a day say what people think of Coca-Cola

8 MILLION a day

COCA-COLA BOTTLING WORKS
Bloomington, Indiana

18-B

IT HAD TO BE GOOD TO GET WHERE IT IS

**SPECIAL LOW PRICED POLICY**
**for Employees of the Mills and Quarries**

**It will pay any worker of Oolitic Limestone to become acquainted with policies and plans I have to offer.**

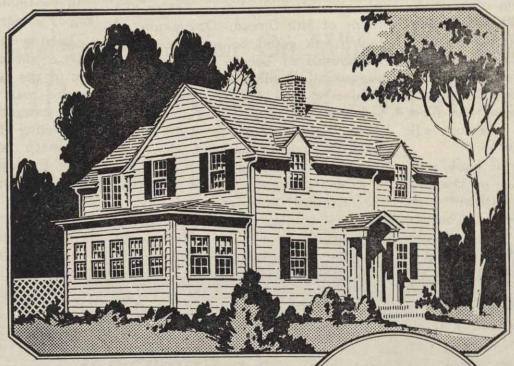
**DISABILITY FROM ACCIDENT** — $100.00 Monthly Indemnity for Total Disability for Life. $40.00 Monthly Indemnity for Partial Disability for Two Months.

**DISABILITY FROM SICKNESS** — $100.00 Monthly Indemnity for Confining Sickness for Life. $40.00 Monthly Indemnity for Non-Confining Sickness for Two Months.

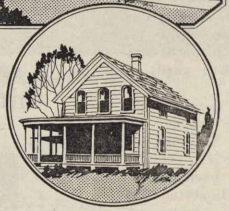
Can write you accident policy for one year for $2.00, will pay $10,000 for loss of Life. Have all kinds of Sickness and Accident Policies.

**HORACE BLAKELY, Agent**

Office over Bloomington Hardware Store Phone 2965



# REMODEL.. *and enjoy the comforts of a* New Home



IF your home is old and out of style, but sound structurally, it can be easily and quickly modernized.

Everywhere old houses are being given new life. A good example is shown here. The cost of modernizing this house was only a half of the added value given it.

Now is a good time to modernize. Let's talk it over.

1933 CURTIS WOODWORK

*Curtis Woodwork will add beauty and comfort to your home. See the new Curtis designs here.*

## *Helpful Suggestions*

Ideas and practical suggestions you'll need most. What to do, and why? What materials to use, and why? What changes will add the most in comfort, appearance, and value? These questions we will gladly answer for you—without obligation.

Associated Leaders of Lumber and Fuel Dealers of America

## CHAS. A. PIKE

Lumber and Building Material Company

"Everything for Building"

PHONE 3210 414 N. MORTON ST.

BLOOMINGTON, INDIANA

Associated Leaders of Lumber and Fuel Dealers of America — Certified Material — MEMBER

## Safety Among Stone Employees

(Continued from Page 23)

| Group No. | Total Acc. | No. L. T. |
|---|---|---|
| Donato | 0 | 0 |
| Donnelly | 1 | 0 |
| A. W. Stone | 0 | 0 |
| Blue Hole | 2 | 0 |
| Shea | 2 | 1 |
| Total | 7 | 1 |
| Group No. 3 | | |
| Furst | 4 | 1 |
| Blk. Diamond | 1 | 0 |
| Rowe | 0 | 0 |
| McMillan | 3 | 0 |
| Highway Shop | 0 | 0 |
| Kerber | 2 | 0 |
| Hoosier | 0 | 0 |
| Joyner | 0 | 0 |
| Total | 10 | 1 |
| Group No. 4 | | |
| Bloomington | 1 | 0 |
| American | 0 | 0 |
| Bowman | 2 | 1 |
| Hoadley | 1 | 0 |
| McDoel | 1 | 0 |
| Nolan S-R. | 0 | 0 |
| Tribune | 6 | 2 |
| Total | 11 | 3 |
| Carvers | 1 | 0 |
| Miscellaneous | 1 | 0 |
| Cut Stone Total | 32 | 5 |
| Quarry Total | 39 | 13 |
| Grand Total | 73 | 18 |

# Accidents in the Mills and Quarries

By N. R. TOVEY, Assistant Director of Safety

We all know that one of the largest costs in the production of any material is the accident expense.

It is extremely expensive in the Stone Industry due to the high rate charged for insurance, due to previous years experience in number of accidents and their severity.

We know the INDIANA LIMESTONE COMPANY has made wonderful progress in the past few years by reducing the number of accidents and the severity.

Only a few years ago we thought it nothing unusual to have five or six men lose their lives by accident in the mills or quarries of the stone industry.

The comparison of accidents chart shown below will show the improvement in the last two years:

| Group No. | Total Acc. | No. L. T. |
|---|---|---|
| Quarries | | |
| P. M. & B. | 7 | 2 |
| Walsh | 6 | 1 |
| Ward & Kurrie | 1 | 0 |
| Eureka | 5 | 1 |
| Fanning & P. | 3 | 1 |
| Dark Hollow | 4 | 3 |
| Baalbek (Down) | 0 | 0 |
| Total | 26 | 8 |
| Sanders | 0 | 0 |
| Adams | 2 | 1 |
| Crescent-L. | 0 | 0 |
| Crown-CC. | 0 | 0 |
| Hunter V-W. | 0 | 0 |
| Mathers-Y. | 4 | 3 |
| Nat' 1-F. | 0 | 0 |
| Pitts | 0 | 0 |
| Smith-R. | 0 | 0 |
| University | 7 | 1 |
| Worth'gtn-V. | 0 | 0 |
| Total | 13 | 5 |

1928

| | Total Acc. | | Lost Time. | |
|---|---|---|---|---|
| | Q | M | Q | M |
| JAN. | 40 | 31 | 15 | 7 |
| FEB. | 36 | 46 | 15 | 13 |
| MAR. | 33 | 50 | 17 | 15 |
| APR. | 52 | 42 | 17 | 10 |
| MAY | 46 | 36 | 20 | 8 |
| JUNE | 27 | 41 | 12 | 13 |
| JUL. | 36 | 52 | 15 | 15 |
| TOTAL | 270 | 298 | 111 | 81 |

(Continued on Page 47)

These Cool Mornings Suggest

STOVES

We have them — good and plenty — priced right.

NEW AND USED

Special Prices for September

Fine Line of Furniture, Rugs, Bed Room and Living Room Suites, etc.

Frank Burns

216 W. 6th Street Bloomington, Ind.

Standardized

Built-In-Woodwork

is a specialty with us

Ironing Boards — Telephone Cabinets — China Closets — Breakfast Nooks — Tables and Seats — Kitchen Cabinets — Medicine Cabinets — Folding Wall Seats — and many other convenient articles are on display at our show room.

A Courteous Attendant is in charge at all times

Allen A. Wilkinson Lumber Company

PHONE 412 BEDFORD, IND.

## Indiana Building Congress Will Meet Oct. 21 to 26

An event that is expected to be the greatest demonstration of the importance of the construction industry in Indiana will take place at the state fair grounds, Manufacturers' building, next October, according to Merritt Harrison, prominent architect.

This affair, scheduled for the week of October 21 to 26, will be known as the Indiana Building Congress and Trade Show. It will consist of the annual convention of the construction industry of the state, with a membership of over thirty-six thousand, in conjunction with an outstanding exhibition of building materials, tools and equipment.

The purpose of the congress, headed by Mr. Harrison, is to act as a clearing house for the building industry, and to promote the general welfare of that industry. The purpose of the show is to create a common meeting ground where the manufacturing elements of the industry may compare notes with the construction labor and customer elements and discuss and display the latest materials, construction and building equipment.

Those attending the congress, including large delegations of prominent builders from every city of the state, will be addressed by nationally famous men on subjects of vital importance to the industry and the general public.

* * * * *

Roast turkey plunged several towns in Calaveras county, California, into darkness. A turkey gobbler attempted to roost on the 17,000-volt wires of a convenient power line at Sonora. Service was discontinued while fuses were replaced.

## Labor Delegates Open Convention

Approximately three hundred labor delegates from over the state were present for the forty-fifth annual meeting of the Indiana State Federation of Labor which opened at Lafayette, August 14th.

Among other matters discussed was the use of convict labor which was strongly condemned by the laborers, and President Taylor urged Governor Harry G. Leslie to take action in the matter.

Telephone 1102

**W. S. Armstrong Sons**

OVERLAND AND GENERAL HAULING

BEDFORD, INDIANA

"The Stone City"

COVERED VANS

**The Bloomington Baking Co.**

APPRECIATES THE PATRONAGE OF THE EMPLOYEES IN THE STONE INDUSTRY AND RECOMMENDS

**MILK MAID BREAD**

AS THE MOST HEALTHFUL AND STRENGTHENING BREAD ON THE MARKET.

PREPARED UNDER THE MOST APPROVED FORMULAS AND SANITARY CONDITIONS.

We Invite Your Inspection

**ASK YOUR GROCER for MILK MAID.**

# Stay Away From "Get-Rich" Booms

(Continued from Page 41)

er died down when it was seen that the easy money was not so easy after all.

So the morus multicaulis, like the green bay tree, flourished for a while. The worms waxed fat, said one writer, "but the silk was slow coming in." The trees became a drug on the market, eggs took a tumble and again the people went about their business—poorer, but wiser.

The gullible public was not the sole loser, either. The nurserymen were left holding the bag in many cases. One man, with 500,000 trees on his hands, chartered an old boat, heavily insured the cargo, and sent the craft from Boston to New Orleans, hoping a storm would come to his rescue. But the trees arrived safely at their destination, and another bankruptcy was recorded.

The Mississippi Bubble, that other fantastic scheme, while it centered on the resources of young America, caught only Europeans in its meshes. John Law, Scottish financier, was father of the plan.

Law, in the early part of the reign of Louis XV, proposed to resuscitate French finances by development of the resources of Louisiana and the country bordering the Mississippi River, a vast territory believed to abound in metals and gems. He organized the Compagnie de la Louisiana ou d'Occident, with a capital of 100,000,000 livres. The company had exclusive trading privileges for 25 years in the Mississippi territory.

Law later enlarged his scheme and undertook to make a complete change in the French financial system, his company becoming La Banque Royale, with the right to issue money and to collect taxes. Public enthusiasm developed into a frenzy and the shares of the company mounted in value as the demand increased. The company again spread out and, under the name of La Compagnie des Indes, was given a monopoly of trade in the East Indies, China and the South Seas, as well as in Louisiana. Under the direction of the King, currency was issued to the extent of 2,700,000,000 livres. Shrewd speculators saw there was no value to support this huge fortune and secretly converted the paper money into gold and silver, which they sent abroad for safekeeping. Meanwhile the trading in the company's shares increased rapidly and "paper" millionaires were made over-night.

But the increasing scarcity of metal was felt more and more. A run on the bank started and the Bubble burst completely, leaving financial ruin in its wake. Law died a pauper.

THE END

* * * * *

An American girl, four years out of college, is to establish Mexico's first home economics school. Grace Lauderdale, who was graduated from Oklahoma A. and M. College in 1925, plans to open her school in Colonia Anahuac, D. F., Mexico, next February. The Mexican government is aiding her in the project.

## Upkeep of State Highway Motor Vehicles

Maintenance of trucks, tractors and automobiles used by the state highway commission in road work costs the state approximately $521 a unit each year, Omer S. Manlove, head of the highway motor transport division, said.

For the fiscal year Oct. 1, 1927, to Sept. 30, 1928, keeping the automotive equipment, valued at approximately $2,000,000, in running order cost the state $741,000, Mr. Manlove said. This cost included oil, tires, washing, polishing, repairs, labor and all over-head of operating the state's thirty-five district garages.

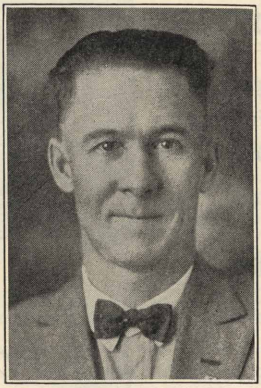
* * * * *

A new machine plucks chickens by a suction device which draws the feathers off and deposits them in a sack.


O. L. HILL - Architect

and Engineer

Registered State of Indiana

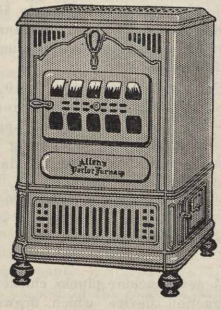


Member Indiana Society of Engineers and Society of Architects
American Federated Society of Engineers

OFFICE IN HEITGER BUILDING

BEDFORD——————INDIANA

## HEAT Your Home THIS MODERN WAY.....




THERE is no other PARLOR FURNACE like ALLEN'S.—Circulates healthful, moist warm air throughout the house with furnace-like efficiency. Burns any kind of fuel, and saves one-third to one-half. Quickly installed without expense. Finished in beautiful grained walnut porcelain enamel. Easily cleaned—just wipe with a cloth.

HEAT RADIATING FINS—an exclusive ALLEN feature—doubling the radiating surfaces; increasing heat capacity; strengthens the castings; saves fuel. Why be satisfied with anything less than ALLEN efficiency, economy, comfort and beauty.

# J. R. McDaniel & Company

*"Strictly Reliable Furniture"*

NORTH SIDE SQUARE - - - - BLOOMINGTON, INDIANA

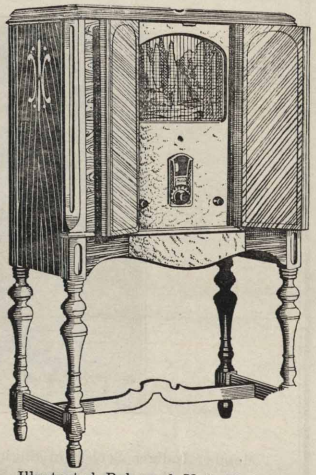
## Opening

*....the Largest Room in Bloomington devoted entirely to the*

**Sale and Service of Radio**

—o—

Expert Service on All Makes of Radio.



Illustrated Balanced Unit Highboy
Screen Grid ---------- $139.50
Neutrodyne Plus ---------- $149.50

## Philco

*ALL ELECTRIC*

*BALANCED Unit*

**Radio Receivers**

(7 Models)

**$67.00 to $205.00**

—o—

FREE DEMONSTRATION

# HOOSIER HARDWARE CO.

-- Dial 4375 --
Bloomington

# Accidents in Mills and Quarries

(Continued from Page 43)

1929

| | Total Acc. | | Lost Time. | |
|---|---|---|---|---|
| | Q | M | Q | M |
| JAN. | 10 | 39 | 6 | 13 |
| FEB. | 9 | 40 | 1 | 11 |
| MAR. | 23 | 30 | 8 | 14 |
| APR. | 29 | 42 | 11 | 16 |
| MAY | 40 | 44 | 16 | 8 |
| JUNE | 40 | 45 | 12 | 18 |
| JUL. | 38 | 32 | 13 | 5 |
| TOTAL | 189 | 272 | 67 | 85 |

Total accidents for 1928 in mills and quarries show 568 accidents 192 of which were lost time accidents, while in 1929 we show 461 accidents 152 of which were lost time.

In arriving at these figures we count every man that goes to a doctor for medical attention. We know what the cost of these accidents are as far as the Medical, Hospital and Ambulance expense, but we do not figure the loss to the individual who not only suffers physically but affects his entire family through loss of earning power.

The dfiference between the average stone workers salary and his compensation is greater than the allotted 55% because the majority are making more than $30.00 per week.

Minor injuries play a large part in cost of accidents. In speaking of cost I refer to both the actual experience to the company and to pain and expense suffered by the individual. If a minor injury is reported at once to the First Aid Man, who has been trained by the Bureau of Mines, he will render first aid treatment and in most cases prevent the minor injury from getting serious, necessitating treatment by a doctor. We find upon investigating infections, that 95% of them are due to men skinning hand, foot, legs, etc., and not reporting the injury immediately for first aid.

Summing this up you will find it is necessary not only to give attention at once to serious injuries, but to **all injuries** no matter how slight. If all employees' will do this I am sure at the close of our next Insurance Period we will show a marked decrease in the number of reportable accidents.

* * * * *

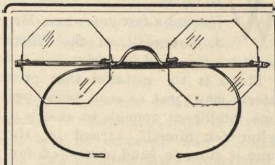
## The Sane After the Insane

Never in the history of the world have such efforts been put forth to convince the public of its duties toward safeguarding each other from the dangers of the auto and the machinery of mills, firearms, etc., as now.

Its the sane drivers of autos trying to curb the wreckless insane drivers. With the great number of used cars thrust on the market, at prices within the reach of any one who has a few dollars the irresponsible wreckless individual, with a $50.00 car, who pays no taxes to maintain roads, will take up more road than a two thousand dollar car driven by a heavy tax payer.

While the man driving the $50.00 car has as much right on the road as the man driving the $2,000 car, yet it is up to both of them to drive with some degree of interest in each other, and the protection of the public in general. At Chicago for some time cash prizes have been given drivers who use the greatest care. Under cover a policeman is kept on the road as a cruiser, and his vigils are

(Continued on Page 49)



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# Mr. J. Bourgealt Writes on the Utility of Stone

WRITING for a Canadian journal a few years ago, Mr. J. Bourgealt, of the Western Stone Co., said in part:

"Stone is the material that prehistoric man, just as soon as he became intelligent enough to create a shelter for himself, turned to. He found it close to hand, deposited for him in such a manner as to require the least possible work.

"The first human habitation that we have any record of is that used by the cave men, whose method of excavating and house-building we have given up now for many thousands of years. He dug his cave first merely by excavating into the soft earth, but he soon began to want something more substantial, and necessity created methods of working stone. He chiselled out of the rocky hillside in his crude way a protection from the elements, solid and substantial, if not beautiful. This, we presume, is the first dawning of our present day architectural beauty, as this stone cave man left solid pillars of stone for the support of his ceiling or roof. Gradually he outgrew his old habitations and began to erect more pretentious dwellings, and in all cases he turned his hand to stone. Once he came to know the use of this all-favored material he put forth every effort in its development, until we are brought to face Egyptian, Greek and Roman architecture.

"In truth, the ancient buildings that have come down to us in any sort of preservation are mostly the temples built for religious worship of the various peoples. All of their domestic architecture was evidently of such a character that it has long since disappeared. It is evident, therefore, that religion, no matter what form it attained, was responsible to a great extent for the development of architecture. We know that the ancients took a great deal of pride in building great monuments to their religious deities. In this respect the Greeks far outclassed all others in their efficient use of stone, and through a study of the orders one can almost imagine himself living through all of these centuries of development, watching these patient Greeks working out the details of the wonderful and colossal monuments in stone which they have left to posterity.

"Stone is the oldest and most necessary building material. No other has received so much attention from the beginning of architecture through the ages to our own time. The Romans took up the art from the older civilization of the Greeks, and although they elaborated upon the simple decorations of the latter, we still have the orders as laid down by the Greeks, and to this day no architect can find any defect in the classical orders as instituted by this nation and ably passed along by the Romans.

"We must take into consideration that these old Greek workers had no set mechanical rules to use in their construction, such as we in our day have. The results of their work, which no one will deny reached a wonderful stage of perfection, were reached by application of their peculiar aptitude for this kind of work.

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They worked to obtain results most pleasing to the eye; their proportions were mathematically correct, and proper artistic balance was given minute attention, giving the proper optical effect from no matter what angle or distance you were standing. The secret of their success was their accurately trained vision and their artistic nature.

"There is no other material that has withstood the march of ages like stone has, and whatever other building materials have been used in construction by the ancients, we have seen that such buildings have long since crumbled and ceased to exist. But stone has kept the unwritten history of man's architectural and artistic development. There has never appeared any material to displace it in its proper sphere, and while we can build today great buildings in other materials we can safely say that these are the buildings that will soon crumble and decay, and that the buildings which we build in stone will be the monuments that we will leave to tell future generations of the architectural history of our time.

"Again, no material can displace stone in its artistic and monumental perfection, no matter how elaborately it may be decorated or how plastic it may be in the hands of man. No other material is so classic, so monumental or so lasting, and in the coming ages history will repeat itself. The over-ornamented buildings of unclassical materials will have crumbled and disappeared, and the monuments left standing indicating to posterity our methods of building and modes of living, will be of stone."

* * * * *

## The Sane After the Insane

(Continued from Page 47)

reported daily. Some driver, perhaps a stranger, driving through the city, is awarded $25.00 for having used the most caution and good sense in his driving.

At our own capitol city the police department is putting forth every precaution to prevent accident. Safety policemen devote their time trying to teach autoists the importance of knowing and observing all the rules prescribed by law, and using common sense in driving.

We have plenty of laws of regulation—more than are respected—what we need is a much larger force of policemen on the road to stop the insane driver. The insane driver, either of the $50.00 car or the $2,000 machine, may not be vicious; he is thoughtless, and often the only way he is to get a real look in to his insanity is when he is the cause of a serious accident, with deaths resulting. (THE END)

# Indiana Limestone Company Picnic, Sept. 21

(Continued from page 10)

and other awards. The quartets will be judged probably on three numbers to be selected as they please. All contestants to be judged by impartial residents of the county unknown to the contestants. These judges will be aside from the employees of the Indiana Limestone Company. The winners of both the fiddlers and quartet contests will appear on the program of the evening concert with the band, at which time they will be awarded their respective prizes.

In all of the events of the day there will be excellent prizes given. Some of them have already been secured, and they are all worth while receiving.

The employes of the company have been working hard this summer to complete their construction program and they intend to have the park in tip top shape for the picnic. The new road of rock is rapidly near completion. This road starts at the main entrance and winds around to the north of the park back through the park and out the entrance again covering over a mile.

The club house, being stone veneered, is nearly completed and visitors will be surprised and pleased with this building after completion. This is the club room of the Industrial Club, where it holds all of its meetings, and will be used as the registration and rest room during the picnic.

There will be plenty of good water and stands of all kinds to furnish refreshments to the thirsty and hungry, and the whole affair is planned to give everyone a great day of outing.

Mr. A. E. Dickinson and Mr. Lawrence Whiting will be present if their business in Chicago will permit them to leave.

The supply of farm labor this season in the United States is reported to be adequate.

* * * * *

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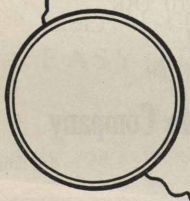

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# Ancient Gleaners in the Fields of Bo

## [Continued from Last Month]

"Ah, Natali, thou returnest from the Holy City, the seat of the great Gamelean philosophy, whose learning encompasseth all Israel. Thou hast developed in stature exceeding. Thy mental standing excellest them all. Thy record bespeaketh much prowess with spear, dagger and sling. Thou shalt have an armor of brass, and go thou thither to Gob, where thou shalt lead the Philistian giants of six fingers and six toes on each hand and each foot, and pitch against and beseige the crafty, treacherous, rebellious tribe of kings, and their captains, whose grandmother Abigal was stolen by the bandits from Nabal, the sheep tender in the far country, and whose mother Bathsheba was stolen from Uriah, who was sent in the front of battle by Joab, to be slaughtered, and whose death was received with joy by the king in his adulterous addition of the widow of the slain soldier."

"Why, my sister Hilda, what meanest thou by thy jabbering? Knowest thou not that I am but a woman as thy self! While I have won the spurs of horsemanship, along with the wiley Egyptians, and while all Judea concedest me rank of high moment with spear and bow, yet in war I stand low. Be not hasty, my sister, in thy spirit to be angry, for anger resteth in the bosom of fools."

"Sister Natali, thy kind words hath no part with thy sister. Vengeance, vengeance—Atheleen, Bo's fair goddess shall reap her reward at thy hands. My girl, my sister, knowest not thou, I prayed the true God, before thy birth, thou shouldst come a strong boy. Thou failest thy sister, and thou hast had the training that makest strong men warriors of valor. Thou knowest not that often Bildad was sent to the Sandhedrin of Gamelean, at the Holy City, the great seat of the kings of Israel, with instructions to overlook nothing that would develop thee physically. Thou wast sent to the lava beds north on scouting cruises among the Sheiks to learn the ways of defense, the uses of the drill, and of horsemanship. I have waited patiently for thy home coming, Natali, and now thou salt avenge thy sister Hilda. Thou shalt be shorn of thy t r e s s e s; thou shalt bear an armor of brass, thou shalt lead a thousand Philistian warriors in iron chariots and bring low the tribe who with taskmasters and overseers hold in slavery the common people, by the assumed right of kings. Thou shalt go forth in battle, in the name of the people against wicked kings, who steal other men's wives, and wicked wives who steal other women's husbands. Thy glory, O Israel is slain, upon thy high places, how are the mighty fallen!"

"Hilda, Hilda, t h o u takest too much wine, thou meanest not all thou sayest. Baal seekest the lives of kings, my sister; we have no part in Baal."

"True, my sister, Natali, true, we

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have no part in Baal, neither have we part in kings, and their treacherous wives. We demand the divine right of freedom. Thy great grand father Caleb organized the hewers of stone that generations to come mightest walk in the ways of the untrodden and have life not as slaves. Thou shalt put thy life against the debauchery of kings with their train of wives and concubines, and stand aright for freedom and personal rights. Thy warriors shall give a great shout, and thy sword shall devour the enemy. Thou shalt slay the tribe that bore the bleeding head of Ishbaal from the tent as he slept. Thou shalt not fight as the fools at the Pool of Gibeon, who said, 'let us have a tournament and fight by twelves,' everyone of whom seized the head of his adversary, thrust in the sword, and every man died, but thou shalt employ the cunning of the Sheiks, as thou learnest in the lava beds, who fight and run away. Thou shalt slay the tribe that hangeth Saul's grandsons."

The persuasive tongue of Hilda awakened a passion in the great heart of Natali for the liberty of men and the protection of women, and her heart heaved with a spirit of patriotism, and her life was dedicated to a noble cause, and she made preparation for assuming the duties of the new and exciting life of warfare. In her new masculine garb, prepared by Hilda's tailor, Natali looked the soldiers all over. She was anxious to enter a campaign, and there being much propaganda in favor of the succession of Ab to the kingdom of his father, warfare became rife.

Ab's belief that his father was going to make Sol king, induced him to make friends with the king's enemies, and finally Ab was able to raise a large army against his father. Here was a chance for Natali. Her stature, clothing, and soldierly bearing allayed suspicion of her sex, and she easily by her prowes became a favorite soldier. Ab selected her as his chief of staff, with the command every man to his tent.

The old king and his followers fled the Holy City, out through Bahurin, passing the home of Shimei, who having heard of the rebellion of Ab against his father, Davido, espoused Ab's cause. The king's old friends turned and became Ab's friends, and under the leadership of Natali, Ab's army was in charge of the Holy City, and he ascended to the throne.

The kng's followers, who had fled, formed in line of battle, and met Ab's army.

The battle between father and son was fierce, and Ab was defeated with great loss. As Ab fled his mule went under a clump of bushes and his long hair caught in the branches. The mule went from under him, and he was hanged.

Most of Ab's army was destroyed, Natali escaped however, badly wounded. She was met on the way home by Bildad, on camel, who hearing of the battle had gone hither.

"Thou art gallant, Natali. Thou shalt have other opportunities to fight for the people, and to avenge thy sister."

"Ab having been hanged by his hair, I have encouraged his brother Ado to take up the fight against his father, Davido. I have learned that Sol's mother, Shebe, has taken up the fight for her son, but thou art a match for any of them, Natali. When health returneth, thou shalt go to the rescue of the people against kings. I shall never stop, till the last one is gone, and the people in their majesty stand independent."

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Ado, in his bacchanalian festivities, did not get far, and the old king proclaimed Sol the rightful owner to the crown. Sol's reign, in all his pomp and lasciviousness, with such a cortege of servants, concubines and wives only aggravated the situation, and after a short reign he had claimants for power from a man representing the common people. When Rebo followed his father, Sol, to the throne, Jebo who had been a sojourner over in Egypt, came back, and inquired of the policy of Rebo, who began to make the burdens of the people unbearable.

The people were angry, and asked Jebo to lead them to battle. Keeping in touch with the situation, Hilda had sent Natali to confer with Jebo. Rebo having harkened to the advice of the young men of his day was making the yoke still harder. Greatly angered Jebo, was followed by a large army, headed by Natali, who conquered the army of Rebo. Again Natali was wounded. Her wound did not heal well and her life hung in the balance for several weeks. But her sister Hilda, knowing that Rebo was defeated, and Jebo would be declared President of the Republic that was taking form, was enveloped with ecstatic sadness and satisfaction at the battles outcome, as she nursed her sister. Natali was too ill to realize what was going on back at the seat of the new government, where Jebo was in charge, who, with a council was formulating new laws to govern the people.

As a means of dispatching the remnant of the kings, claimants to the throne, and with the determination to establish a republic, where all men could be equal, Jebo's council of war reached the conclusion to behead Rebo and his son Jobo, whose mother was the beautiful Atheleen.

Atheleen cared not so much for her husband Rebo, but she was desperate in the thought of her son Jobo being put to death. She appealed to Bo, her paramour, who had forsaken Hilda for her. In Atheleen's awful distress, in the hope something could be done to save her husband and son, Rebo and Jobo, she appealed to Bo.

On various occasions Bo had seen Natali; chief of Jebo's military staff, and found a slight birthmark on her neck, usually covered by her curls, but now visible with her hair shorn. He had reached a definite conclusion as to her identity. He felt that if there was any living soul who could

(Continued on page 55)

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# Ancient Gleaners in the Fields of Bo

(Continued from page 53)

intercede in Rebo and Jobo's behalf it would be Natali. Hurriedly he went on the speediest camel in the camp of Rebo to the cave of his abandoned wife, Hilda.

With the hope that he could find old Bildad, Bo stealthily approached the servants huts. Knowing Bildad's habits of rising with the sun, Bo stationed himself with a view to easily approaching the old slave as he emerged to provide provender for the camels. Seeing the old man, Bo motioned him, and soon was in confidential communication. In the hope that Natali might have some acquaintance with Jobo, who evidently was a student in the Gamalean Sandhedrin about the time she was, Bo caught at the only hope to save his friends from the guilotine.

"Bildad, go thou to the apartment of Natali, inquire her health and inform her of the impending death of Rebo and Jobo. Make thee haste to say the execution cometh of the last quarter, the first hour. Make thee show of interest, and sayest thou her good heart provideth help. If thou meetest with good will, saddle thou thy speediest camel, that she may away to the rescue. Bring me tidings."

"Master Bo, Natali meeteth my importunity, and starteth on Selam, our speediest camel, with food and provender."

Over hearing the conversation of Bildad and Natali, and getting a glimpse of Bo in the twilight, Hilda hurriedly took her departure on Jethro, one of the speediest of all the camels to follow Natali.

Natali did not arrive at the Holy City, the seat of the new Republic, any too soon. Every preparation for beheading Rebo and Jobo, at sunrise was complete, and the headsman was waiting the arrival of the condemned king and his son from the dungeon. Jebo and his council of war were formed in line, ready to give the word to the executioner. As the unfortunate men were brought forth, two great camels, bearing two women strode amid the scene. Jebo recognizing Natali, bid her alight.

As the rays of the sun reflected the contorted face of Jobo, who was to meet the guilotine, Natali recognized her former school mate and lover of the famed Gamelia.

Natali sought a conference with the council which withdrew to listen to her. A stay of execution for one hour followed, with the hope of arranging pardon by Jebo, the president of the new Republic. In the excitement of the hour, Natali had not observed that her sister Hilda was a member of the company. Future developments demonstrated old Hilda was very much in evidence.

"Jebo, thou takest upon thy shoulders the destinies of the Republic that knows kings no more. In a subtle way I have been thy advisor, and buckler. If thou respecteth my councils, I request one condition in the pardon of Rebo and Jobo."

"Hilda, thy council has been far reaching in the campaign against the kings. Thy request shall be respected. Sayest thou."

"The condition requireth that the

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fair Atheleen, wife of the unfortunate Rebo, the deposed king, shall become the bond servant of her husband and spend the rest of her days working in the field; that Bo shalt go as a bond servant of the ranking Egyptian Sheik of the lava country, and that Jobo, as the lover of Natali shalt accompany her on her return to our cave, where they shalt dwell in peace and harmony under the laws of the new Republic of Jebo."

THE END

* * * * *

**J. E. Moon Located at Lynn, Mass.**

J. E. Moon who accepted a position with the Ingersol-Rand Co., sometime ago and has been in their training school for several weeks, registered high in efficiency and he has been sent to Lynn, Mass., where he is in charge of a large construction project.

J. E. Moon was formerly Master Mechanic, Quarry Department, Indiana Limestone Company.

Five hundred Paris policemen are equipped to aid foreign visitors by having a ready knowledge of English, German, Italian and Spanish.

In Albanian tribes all descendants of one male ancestor, even if remote, are regarded as brothers and sisters and may not marry one another.


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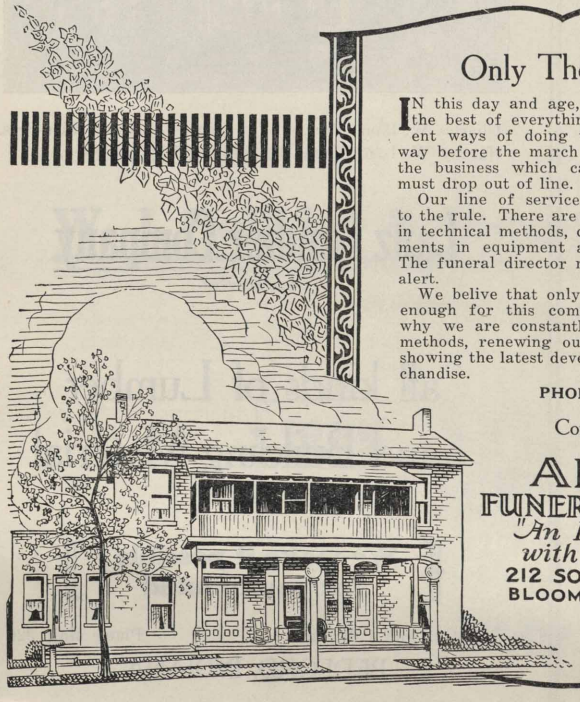

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## SHOP NOTES of the DISTRICT

(Continued from page 16)

A. Woolery & Son, Ralph Woolery, superintendent, was being taken to his home with a mashed foot, which is likely to keep him housed up for a few days. The company reports an abundance of small orders, with fall business looking good.

* * * * *

Frank Sullivan, blacksmith for B. G. Hoadley Company, is laid up with a carbuncle on his foot.

* * * * *

Mat Williams—old Mat—the veteran core driller, has been hearing a lot about the Victor Oolitic quarry, with its locomotive, steam shovel, 16 channelers, etc., and he was wont to sprinkle a grain of salt in the equasion. On a recent trip to the plant, he stood on the bank above an acre being stripped, and after a quiet spell of contemplation, he remarked to Superintendent Taylor, "Well, I'll be durned. No; they didn't lie to me: you've sure got the goods right here." The annual output of block goods of the Victor Oolitic is two million feet, and they will go over it this year.

* * * * *

Mr. W. J. Franzman, for the past two years superintendent of American mill, is now superintendent at the Indiana Oolitic Stone Company, at Ellettsville, recently taken over by the Bloomington Limestone Co.

* * * * *

The Mutual Oolitic Cut Stone Company just recently reorganized, is figuring a lot of jobs, and getting their share of the business. They are going day and night, with good future prospects.

* * * * *

The Indian Hill Cut Stone Company is rushed with business, and taking on new orders. This company demonstrates the old axiom, "go to a busy place to have your wants well cared for." The Indian Hill is one of the most productive plants in the field. Mr. Charles McHenry, superintendent of the Indian Hill, has been on a semi-vacation at Manteno, Illinois, surveying a fine job of work the company is doing there, in the erection of a group of State hospital buildings for the insane.

August 30th was a field day for the Walker Brothers Company, eight loads of cut stone having gone out from their plant that day. They are shipping from five to ten cars a week of cut stone. They are enlarging their plant, and keep ten planermen and three lathe men busy. They are finishing two nice contracts, Christian Science church at Terre Haute and new Chemistry building at Purdue. Senator W. B. Hoadley, superintendent of the plant, gives the business close personal attention, and he reports flattering future prospects.

* * * * *

Mr. Peter Deckard of Smithville, is the new foreman at the Quarry of the B. G. Hoadley Company. Both the mill and quarry of this company are going day and night with plenty of business ahead for the balance of the year. The quarry operations have been materially increased, two new channelers and 115 foot derrick just having been installed.

* * * * *

The A. J. Thompson Company, at Ellettsville, under the management of Mrs. Hazel Thompson, the only woman in the world who operates a cut stone plant, is simply swamped with orders, and taking on more. Fred Lee and Cort Welch, superintendents of planers and cut stone men, with the entire force are allowing no grass to grow round about, and for a small plant are ranking among the highest for production. They are pushing work on the Campanile for the state college at Brookings, South Dakota; First Presbyterian church, Fargo, N. Dakota; Senior High School, Parkersburg, West Virginia, and the Athletic Building, St. Bernard, Ohio.

* * * * *

Harding & Cogswell, who were a little slow starting off this spring, report business very good at present. In another column of this issue we show a picture of the new Court House at Watertown, South Dakota, they are fabricating. This is a fine job of select stone, and is receiving the careful treatment this firm gives to orders entrusted to them. They are just starting on a large High School job at Kenosha, Wisconsin.

* * * * *

Mr. Linus Roubadeaux, foreman of the mill of the B. G. Hoadley Quarries Company, is on a vacation at Topeka, Kansas. This new mill is going day and night, with an increasing number of substantial customers.

* * * * *

The fabrication of stone is a fine art. Intelligent interpretation of the blue print and working out designs, is done only by men of proper perspective and vision of what the architect has in his mind. As only the "high spots" are usually hit on a blue print, care and accuracy of detail are the only guide posts to successful fabrication. Then the planer — the sawyer—the cutter—they must all be experts if the job is to rank first class. With this view of the cut stone business, and the building of a record that would secure and hold the business, the Bedford Cut Stone Company, has been very careful to select as their employees men of high character and artistic temperament, who are only satisfied when they produce work of the highest type. That the management of this company is ac-

(Continued on Page 61)

We are meeting all Prices and giving you the Best in Service and Quality

We Appreciate Your Business

CARTER & O'HAVER

South Side Square BLOOMINGTON, INDIANA

DRUGS, WALL PAPER, PAINTS, JEWELRY AND FOUNTAIN SERVICE

# Among the Cutters—First Big Job Fabricated Under Tent

(Continued from Page 7)

opened the fire box door to fire up. By its sudden glare of light I could see a veritable wall of stone on either side of course, but it seemed to me the engine was plunging into a solid mass of stone—splitting it wide open as it went—and say folks, that was the coldest ride there ever was, even though it was summer time. But a monkey wrench was dropped into the machinery of our fond expectations. Our train stopped along about Harrodsburg, Indiana, to take water. The conductor came forward to give the engineer his orders. Through force of habit he held his lantern high to see what was on the "blind baggage." We received orders from said conductor to disengage ourselves from our cozy perch—which we did—I couldn't get off quick enough. Although I offered the conductor our 30 cents and my Waterbury watch to let us freeze our way on up to Bloomington there was nothing stir'n. He was adamant, concrete. Well—heck. There we were parked down in a deep hollow, forty miles from "no where" with box cars, some loose straw and the moon for company. Thanks to the straw and a bright moon. Every time I hear that song entitled, "Down on the Monon," my memory slips back to "what was," one time, on the Monon. Anyhow this conductor's aloofness and his strict adherance to disciplinary function, left me sore as h— on the Monon and all conductors. But after sleeping there all night, in the straw that was left from shipping cattle–(thanks to the cattle) we hailed a freight conductor, whose train had just pulled in from Bedford. He promptly put us in the caboose. That kindness redeemed the Monon and it gave me a good feeling for all conductors. After all I didn't have to give up my Waterbury watch. Nevertheless I left the stone belt with the determination to come back. And I did. I was only 20 years coming back.

In the 23 years which have elapsed since my return I have witnessed the important changes in the stone industry.

The last and biggest change—the big merger coming into possession of a large number of the important mills in the stone belt, with the second merger following up and now possessing several big mills. The Bedford Steam Stone Works with her big tents and 140 stone cutters on one job, 43 years ago was big business for that day and age. But when we take a peep at the mergers' big mills and a lot of big independent mills, down the line from Ellettsville to Bedford, mills from 700 to almost a 1000 feet long—steel structures—each having half dozen big traveling cranes, diamond saws, planers, milling machines, 700 cutters and carvers, using pneumatic tools, as well as several hundred planermen, and other employes too numerous to mention, well—it looks like we've all got to take our hats off to the inventor of the "dinky planer." Anyhow I'm not going back on that tent job. It was the biggest, most novel and best job of real stone cutting, by mallet, I ever saw. Don't ever think it wasn't—for it was!


## ANNOUNCEMENT

### The Indianapolis Oolitic Stone Co.

Located one mile east of Stinesville, Indiana, will be sold at Receivers Sale

### Some Time During Month of October

WELL EQUIPPED MILL OF

Four Gangs, Four Planers and Diamond Saws

GOOD BUFF QUARRY

Valuable Property for Some Practical Stone Man

Exact date of sale will be given in the October number of this magazine.

ADDRESS

A. R. MARLEY, Receiver Gosport, Indiana

# SPENCER, INDIANA

NOW—

The Center of Population

The Future

Stone Town of America

(Quarries and Mills)

## Spencer Offers:

*Good Schools*
*Beautiful Homes*
*Splendid Churches*
*Fine Transportation*
*Excellent Climate*
*Unexcelled Scenery*
*Up-to-date Merchants*
*Hospitable People*
*Cooperation*
*Financial Aid*
*State Park*

## Why Spencer is the Future Stone City of the United States

(A Message to the Stone Industry of America)

Today Spencer, Indiana, stands on the threshold of a new day. Situated in Southern Indiana, it holds the finest deposits of stone to be found in the Oolitic Stone Belt. The trend during the last few years has been TOWARD SPENCER.

Already one of Indiana's richest stone quarries is located four miles from this city. Hundreds of acres wealthy in stone deposits join the Pennsylvania railway line. Spencer is the logical town for a stone mill. The business men of Spencer will aid financially the right party.

First National Bank

Ed West & Son, Furniture and Undertaking

Crane's Tire & Battery Store

Drescher's Furniture and Undertaking

Parr's Variety Store

THE ABOVE AD MADE POSSIBLE BY THE LOYALTY AND FORESIGHT OF THESE SPENCER BUSINESS FIRMS

## Indiana State House Quarry

(Continued from Page 5)

the state house quarry was abandoned. The bridge across White river, which was a frail affair, disappeared later. Some of the piling is still there as a mute evidence of the failure of the proposition.

Christian F. Kelly was born at Carlyle, Pa., September 16, 1833, died, July 30, 1902. He came to Monroe county in 1856, and that year worked at the Big Creek quarry for Gen. Love. From 1857 to 1866 he worked at Big Creek for the late James R. Highet, Sr., at which time he began working for Perry Brothers. Mr. Kelly was a man of splendid judgment, knew human nature, and had the implicit confidence of his men, who recognized him as a cultured gentleman, honest, fair and sympathetic.

John Kostenbader in charge at State House—The part that John Kostenbader assumed in the construction of the Indiana State House was important, and the splendid workmanship shown on the building in a large way attests the fine abilities of this man. Educated in Germany in stone fabrication and architecture, he was well fitted for the position he assumed in the erection of this great building.

At that date there was but little stone cut at the quarries and much of the stone for the state house was cut at the building site. Mr. Kostenbader was in charge of this cutting work, and the laying of the stone, being in charge of the setters.

He was very capable and deeply devoted to the undertaking, and stayed wth the job till the stone work was completed, about eight years. He returned home broken in health. He died at the home of his daughter, Mrs. Charles Ragsdale, 626 18th St., Bedford, July 2, 1908.

John Kostenbader was born October 28, 1828, at Stuttgart, Germany. He came to this country on a sail ship which took six weeks and landed at New Orleans the summer of 1848; from there he worked his way to Bedford, Indiana, where he and a man by the name of Hall opened a quarry on a small scale where the Blue Hole is now. His first contract was the old jail built at Bedford in 1858. In the early sixties he formed a company at Ellettsville, Kostenbader, Schmid & Ittenbach, opening a quarry.

## Ingall's Council

The monthly Council of the Ingalls Stone Company employees was held Saturday, August 14th, at Romona with an attendance of sixty. Louis Ingalls, president of the company was present. Among the employees were Wm. Davis, president of the Council; Joe Quinn, supt. of the McClaren mill; R. A. Pierson, supt. of all the mills; Fred Wagner, chief draftsman; James Burch, a time-keeper and August Bendell, foreman of the Peerless quarry. There were 20 from Bedford at the meeting.


# THE KEY TO SUCCESS IS YOURS

The opportunity, the chance to get ahead, is open to every man, woman and child.

Everyone cannot be a Rockefeller or a Morgan; but, barring sickness or misfortune, there are few but can lay the foundation for a better and brighter future.

Those who early acquire the habit of Thrift and Economy by banking a portion of their earnings regularly, are sure to succeed.

Open an account in our bank; make it a practice to deposit a part of your money regularly; and you are sure to get ahead.

This Bank has been identified with the business and industry of Monroe County for the past fifty-eight years. Many of our substantial citizens do not hesitate to say that their success of today is largely due to the steady, systematic savings that accumulated the foundation for their start in business.

WE WILL APPRECIATE YOUR BUSINESS

## The First National Bank

*When you think of a bank, think "First."*


Application for entry as second-class matter at the Post O ffice at Ellettsville, Indiana, pending.

## Shop Notes, Ledge, Drafting Room, Quarries, Mills

(Continued from Page 57)

centuated by this policy it is only necessary to state that over 25 per cent of their employees have been with them over 20 years. This is quite unusual and speaks volumes to the credit alike to company and men.

* * * * *

### Are You Ready for Promotion?

Grover Weir, Foreman Rowe Mill, Bedford, Indiana

If your foreman should leave the employ of his company for any reason would you be in a position to take his place? This very thing is happening from time to time and someone is going to take his place. Will it be you or are you content to see someone on the outside step in and take his place? He did not get his place with the company by working with the sole purpose of getting a pay day and wishing it was quitting time. He is the fellow who used to be where you are but took an interest in the duty he was performing and gave his best for his employer. No company wishes to go outside for their foremen but unless someone in each plant is preparing himself for this position it must be done. Don't let this happen in your plant.

* * * * *

Carson B. Harris, who represents the Empire Stone Company in Canada, was here last week to attend the funeral of his father, John R. Harris. Before returning to his work August 29th, in company with a party of stone men Mr. Harris visited the different quarries and mills in the district. He goes back to his Canada clientele bearing the belief that he represents one of the highest ranking quarries and mills in the district. Mr. Frank Matthews, General Manager of the Empire, expended considerable money this spring on a new electric power plant, which is working perfectly, and is a valuable acquisition to the mill.

FISHING—HUNTING—CAMPING—BASEBALL—TENNIS

"Complete Equipment for All Sports"

SOUTHERN INDIANA SPORTING : GOODS : COMPANY

*Just off the Square at 115 East Kirkwood Avenue*

*Bloomington, Indiana*

Hughes Bros. Lumber Company

219 W. FOURTH ST. Phone 6115

OWN YOUR HOME

Come In and Let Us Talk It Over

Our Plan Offers the Solution

We Carry a Large Line of Quality BUILDING MATERIAL

HIGH CLASS MILL WORK

THE Bloomington Packing Company

Is Now Supplying the Meat Shops

WITH THE

FINEST BABY BEEF

The Country Produces

A1 Pork Products

Try Their HICKORY SMOKED HAMS

# Rapid Expansion of Stone Business

(Continued from Page 2)

tue of advertising in the public prints and through the publicity bureaus of the various mergers and large independent concerns, have had a wide influence in the rapid increase.

A trip through the great Tribune Tower at Chicago discloses the fact that two floors of the marvelous structure are occupied by the offices of the Indiana Limestone Company. Here an army of men and women, headed by President Dickinson, Treasurer and Vice-President Frank E. Whiting, F. E. Bryan, General Vice-President, and other officials of the company. We are officially informed that the Indiana Limestone Co., is spending $1,000 a day advertising the product through the printing presses of the country.

And not only the Indiana Limestone Company has offices in this building, but Franklin T. Brodix, President of the Monon Stone Company and various other companies have representatives here all of whom with the Bloomington Limestone Company and the companies generally throughout the entire belt are recognizing the importance of advertising, and are spending immense sums of money in this way.

Chicago is largely built of our stone, and scarcely a town of 30,000 in the United States but is using it. The thousands of visitors daily at the Tribune Tower cannot help seeing on the large number of windows and doors advertisements of Indiana Limestone companies, and this feature alone has a wide influence in favor of the stone industry.

## Group No. 1 Picnic

The employees and their wives and children of the Group No. 1 Drafting Room, together with Group No. 1 Office employees, enjoyed a picnic supper at the Dickinson Park on the evening of August 1st.

A very pleasing and appetizing picnic supper was served by the girls of the drafting room with Mr. Paul A. Huff in charge, after which dancing and bridge furnished entertainment for the grown-ups for the remainder of the evening, while the swings, merry-go-round and teter-toters entertained the children.

There were about 45 out and all reported a good time.

* * * * *

## Mild Weather This Winter

Although the weather man may predict snow and near zero weather, the J. R. McDaniel Furniture Company will do their part to kill the chill inside, and make the winter months shorter. They are handling the well known line of Allen parlor furnaces. This parlor furnace is described as a heating plant which sets above the floor and heats the whole house by moist, warm air circulation. The Allen has long been a leader in heating equipment, and it is just this type merchandise only that this well known firm will carry on their floors.

W. H. Schroer, D. C., over Beddoe's Drug Store, Bedford, has installed a cabinet by which he gives Electro Vaporized Mineral Fume Baths, with fine success. By these baths the patients health and general appearance is improved. Colds, rheumatism, neuritis, sciatica and other ailments are quickly removed. Lady attendant.

BLOOMINGTON COAL CO.
WILL SUPPLY YOU WITH
A FINE GRADE OF
Domestic and Foreign Coal
AT LOW PRICES
310 W. 7th St. Phone 5252 Bloomington, Ind

GROCERIES and MEATS
Dependable Goods Priced Right
The Trade of the Mill and Quarry Employees Appreciated.
REX FORSYTH
752 S. WALNUT ST. -:- BLOOMINGTON -:- Phone 6347

It seems like th' first thing a lot o' folks do when they git up in th' mornin' is t' pick out a good law t' break. —Abe Martin.

* * * * *

A law never rises higher than its fountain spring—the will of the people. —Agnes Laut.

If "opportunity" knocked less often some of us might catch up with our work.

* * * * *

Many a good thing has been pulled off on Friday, the 13th—by fellows who forgot the date.

## B. G. HOADLEY QUARRIES, Inc.

Block Sawed
Buff Variegated Gray

INDIANA LIMESTONE

Bloomington Indiana

## John A. Rowe Rustic

MONUMENTAL WORKS
**BEDFORD, Ind.**

Stone Mantels–Carved Panels
Cemetery and Lawn Furniture
Memorials of Limestone–Statuary

BURTON E. HANSEN, MGR.
BEDFORD -:- INDIANA

## EMPIRE STONE COMPANY

**Sawed**

Indiana Limestone

Main Office: Bloomington, Indiana
Chicago Office: 33 S. Clark Street

## BEDFORD CUT STONE CO.

BEDFORD, IND.

Since '97

## Edward Edinger

CUT STONE CO.

Plant Office

BEDFORD, Ind.

MainOffice Cedar Rapids, Iowa

## VICTOR OOLITIC STONE CO.

**VICTOR, Ind.**

In the Heart of the Oolitic Belt

"SUPERIOR BUFF"
OOLITIC LIMESTONE

BLOOMINGTON, INDIANA

## INDEPENDENT LIMESTONE CO.

**Bloomington, Ind.**

Producers
"NORRAY" BUFF "PENNEL" GRAY
"RAYTON" VARIEGATED
New York Office 722--723 101 Park Avenue

## Harding & Cogswell

CUT STONE CONTRACTORS

ELLETTSVILLE INDIANA

## SEWARD & CO.

ESTABLISHED 1821

**Bloomington, Ind.**

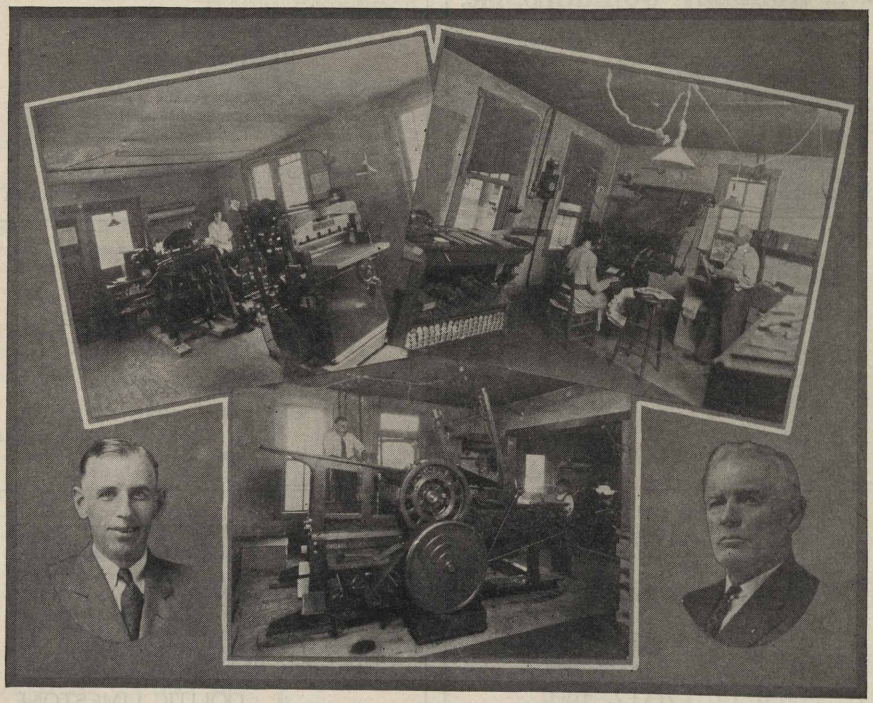
JOBBERS OF

**Mill Supplies, Tools, Industrial Hardware, Pumps, Pneumatic Equipment, Pipe**
**FOUNDRY and MACHINE SHOP**

BLACKSMITHING, WELDING AND GENERAL MACHINE WORK
ALSO STONE SAW AND WOOD SAW SERVICE STATION

MANUFACTURERS OF THE
SEWARD UTILITY DIAMOND SAW

**"The Second Hundred Years Are Always the Best"**



# W. B. HARRIS & SON, Ellettsville, Ind.

Publishers Quarries and Mills
[ISSUED MONTHLY]

## JOB PRINTERS

Specialize on Printing for Quarry and Mill Operators

Let Us Quote You Prices on **UNIFORM PROPOSAL CONTRACTS**
Planer Tickets, Etc. Anything You May Need in the Line of Printing : : : : :

# - - It means That ! - -

*Volume production and personal attention to individual requirements.*

WITH the acquisition of the physical properties of the Indiana Oolitic Limestone Company, the Bloomington Limestone Company again proves its position and its progressiveness in the industry.

This is the combination of two organizations of unusual experience and equipment.

Again we offer you high quality stone and undeviating attention to your orders and to your preferences.

**Bloomington Limestone Company**
**900 South Walnut Street,**
**Bloomington - - Indiana**

Scottish Rite Cathedral,
Indianapolis, Indiana
Indiana Limestone
finished and furnished by
Matthews Brothers Co.
Bloomington, Indiana

# ---character

How significant, indeed, was the choice of Indiana Limestone for the new Scottish Rite Cathedral at Indianapolis. The tenets of Masonry and the qualities of stone each typify genuineness—Character.

We acknowledge pride in citing this edifice as indicative of the character of our ability to fabricate Indiana Limestone for some of the Nation's noteworthy architecture.

## MATTHEWS BROTHERS COMPANY

18 PIONEERS 62

BLOOMINGTON, INDIANA

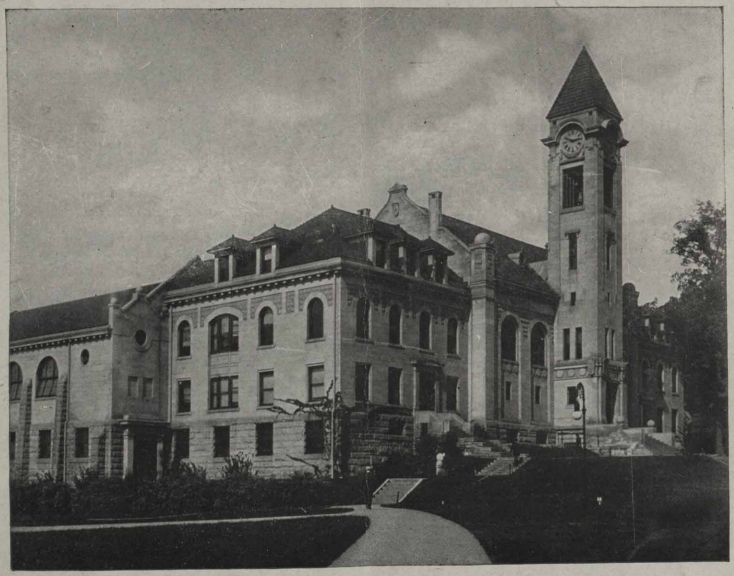
INDIANA STATE LIBRARY


# Quarries and Mills

INDIANA OOLITIC LIMESTONE INDUSTRY

PUBLISHED MONTHLY


## "Indiana University Loyal to Indiana Limestone"



STUDENT BUILDING, INDIANA UNIVERSITY

Bloomington, Indiana


VOLUME ONE
NUMBER FOUR

OCTOBER
Nineteen Hundred Twenty-Nine

$1.00 PER YEAR
10 cents PER COPY


F 622.05

# does this mean you?

"A RECENT ESTIMATE placed the number of American homes in need of modernization at twelve million." This does not include millions of commercial buildings where remodeling has become almost a necessity in order to remove an air of shabbiness which turns customers away.

Is your home or store numbered among these millions? If so, Indiana Limestone offers an opportunity to obtain at low cost a building which is apparently brand new.

Your old building may meet your requirements admirably. The foundation and framework are strong and sound. Why not utilize that which is good replacing only obsolete portions?

Your home, whether brick or wood, can be faced with Indiana Limestone without removal of the wood sheeting or the brick facing and at a fraction of the cost of rebuilding. Many old stores have been converted into modern high class buildings by constructing a new front of Indiana Limestone.

In this day of easy transportation, with an automobile in every family, the local dealer must fight to keep his business from going to the large cities. An attractive front with adequate and modern show windows will go far toward overcoming the prejudice against the antiquated store.

Women, who do most of the buying, spend much time in window shopping. Does your own store front invite the shopper to pause or to pass?

## ....think it over!

General Offices: BEDFORD, IND. Executive Offices: CHICAGO, ILL.

*The* NATION'S BUILDING STONE

# Directory - Quarries-Mills, Indiana Limestone District

**INDIANA LIMESTONE COMPANY**
EXECUTIVE DEPARTMENT
A. E. Dickinson, President, Chicago
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F. E. Bryan, General Vice President, Chicago
T. J. Vernia, General Vice President, Chicago
W. R. Martin, Asst. Sec. and Resident Counsel, Bedford
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C. J. Black, Purchasing Agent, Bedford
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CUT STONE DEPARTMENT
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Plant Office, Bloomington, Indiana
Chicago Office: Tribune Tower
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Howard F. Fagan, General Superintendent

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B. G. Hoadley, General Manager

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411 Construction Industries Building, Dallas, Texas
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Rm. 602, 535 5th Ave., New York, N. Y., M. J. Morgan
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Fred Beck, Supt. Quarry Dept., Bloomington, Indiana
Kenneth Cline, Mgr. Cut Stone Dep., Bloomington, Ind.
Roy Mulholland, Chief Draftsman, Bloomington, Ind.
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Richard Kelley, Sup. Kelley Quarry, Bloomington, Ind.
Bert Sciscoe, Supt. Johnson Quarry, Smithville, Ind.
Raymont Deckard, Supt. Johnson Mill, Bloomington
Grover Shields, Supt. Maple Hill Mill, Bloomington
Herschel Neal, Supt. Cline Mill, Bloomington, Indiana
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S. M. Harris, Vice President
Fred Baugh, Chief Draftsman
Fred Lee, Supt. Cutters Cort Welch, Supt. Planers

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Plant Office: Stinesville, Indiana; Main Office: New Citizen's Bank Building, Indianapolis, Indana
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H. M. Liibs, Superintendent
Ervin Stevens, Chief Draftsman and Estimator
Frank Churchill, Quarry Foreman
Berneice Stevens, Mill Foreman

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W. B. Hoadley, V. Pres. Albert Hoadley, Sec.-Treas.

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Wilbur V. Glover, Sec. Glen C. Frank, Supt.

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Plant Office: Bedford, Indiana; Box 37
Main Office: Cedar Rapids, Iowa
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O. F. Brown, Superintendent of Mill

**HELTONVILLE LIMESTONE COMPANY**
Bedford, Indiana
C. D. Donato, President A. R. Wallis, Vice Pres.

**BEDFORD STONE VENEER COMPANY**
EMBREE & MITCHELL
Office: Bedford, Indiana

**SWENSON STONE COMPANY**
Office: Bloomington, Indiana
Quarry and Mill: Stinesville, Indiana
Branch Plant: Kankakee, Illinois
Frank B. Harris, General Manager

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Theo. J. Louden, Sec. W. H. McKnight, Treas.
John H. Wilson, Mill Superintendent

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Mill and Quarry: Ellettsville, Indiana
Parks Nutter, General Manager

**HARDING & COGSWELL**
Office: Ellettsville, Indiana
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W. G. Cogswell, Sec'y-Treas. R. C. Digel, Estimator
Alex Muir, Supt. Cut. K. B. Summit, Supt. Planers

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Robert Ingalls, In charge of Quarries
R. A. Pearson, In Charge Cut Stone Department
Frank Becker, In Charge Drafting Department
C. F. Owens, In Charge Estimating Department
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# QUARRIES AND MILLS

INTEREST : INDIANA : OOLITIC : LIMESTONE : INDUSTRY

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VOLUME I ELLETTSVILLE, INDIANA NUMBER 4

## Then and Now

IN our September number we gave an account of the fabrication of the stone for the Cotton Exchange at New Orleans, the work being done under a large tent at Bedford. In the same number appeared a picture of the old mill of Perry Brothers at Ellettsville, showing the first "traveler" ever erected in the stone belt. A picture of the four gang mill of Matthews Brothers, at Ellettsville, built in 1864, appeared also in that number.

Comparing these primitive concerns and appliances for the fabricating of stone, with the present methods; the mills in which the stone is prepared for the builders, and the speed with which the work is done, confirms the oft expressed opinion that the men engaged in the stone business, and the inventive genius of man in the invention and manufacture of machinery suitable for the successful quarrying and preparing of the stone for the builders uses, have fully kept abreast of the marvelous development of everything in the realm of science and the manufacture of labor saving machinery.

The past half century has witnessed a complete revolution in the commercial life of the world, by reason of man's ability to produce a machine that is capable of replacing the primitive methods of hand production.

Instead of fabricating a large job under a tent, with mallet and chisel, the work is now done in a building a thousand feet long, two hundred feet wide, constructed of steel and glass, two or three over head cranes doing a dozen times more in handling stone than any other method; the work of 15 large planers, and the diamond saws preceding the cutting by pneumatic tools.

The first quarrying of stone was very slow and difficult. Before the introduction of the old Wardwell channeling machine, the drill, slips and wedges and giant power, with hand derrick and untold man power, was the method of quarrying.

Long drills, sometimes 15 feet in length and three inches or more in diameter were used for putting down a line of holes ten or fifteen feet from the face of the ledge. Giant powder was tamped in these holes, and when everything was ready and the men in the clear the fuses were ignited, and a huge piece of stone, some consisting of severel car loads, was broken out. Many a fine ledge has been ruined by giant powder, as there was no telling where and to what extent the rents in the stone would result from the blast.

Often in getting out "dimension" stuff, even as small as a foot square, the slips and wedges were used to break the stone out of the ledge. We are creditably informed that in the building of the Bedford Court House each stone in the walls was taken directly from the ledge in this manner.

The first methods of quarrying stone had nothing on the wooden mould board of agriculture, but the past seventy-five years of progress have resulted in a marvelous revolution and development of every phase of human effort, and the production and fabrication of stone has kept pace with the various other lines of activity.

Fifty years ago but little had been done in the way of advertising our stone. A few good buildings in Chicago and New York had been built of Oolitic Limestone, one of the most attractive being the residence of W. K. Vanderbilt, and frequently when a resident back in the belt was away from home, and became a little "chesty" about stone he took pleasure in referring to the Vanderbilt home.

We have in our possession Certificates of award to John Matthews & Sons, and to Perry Brothers, given by the great Centennial Exposition at Philadelphia, Pennsylvania, in 1876, for "fineness of texture and good quality of stone." Both of these firms had displays of our stone there.

We note in the price list of Perry Brothers at that time the following:

Ashler and flagging, sawed two sides, 3 inch, 17c superficial foot; 8 inch 40c.

Sawed stone 4 sides, 8x8, 40c, up to 12x20, $1.50 per foot.

Monument bases, 35c per foot.

Mill blocks as they come from the quarry, 25c to 35c per cubic foot.

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## Fire Bell to Have Shrine of Limestone

Bloomington's old fire bell, recently rescued from the junk heap by historical crusaders, is to have a permanent shrine of native limestone.

Plans are being prepared by the Indiana Limestone company for a stone shrine of elaborate design upon which the old town curfew and fire alarm is to have a permanent place of honor, it was stated by members of the city council.

The bell's new limestone throne will be carved in one of the local mills of the Indiana company, and will be placed in the Third street park probably before winter. The old bell is to be mounted on a steel standard on top the stone device, there to take its place among the relics of the city's past.

The fire bell was recently saved from an untimely discard by vote of the city council, because of its historical value. It has been termed the city's "Liberty Bell" because it rang nearly all day on Armistice Day in 1918.

# From the Angle of An Estimator

## [BY ONE OF THEM]

ESTIMATING like drafting is a problem at times, and depends on the way in which the plans and specifications are prepared. Some Architects make an 1-8 inch scale set of drawings with 1-8 inch scale Sections while other Architects give you 3-4 inch scale sections and details showing all the features. It is natural to assume that a more attractive bid can be furnished when the estimate is obtained from a good set of plans showing the features in larger scale than that which is obtained from a set worked up in 1-8 inch scale.

Before the Association was in existence every firm had to write to the Architects for plans and specifications. Sometimes they would be gladly forwarded and a great many times the blue printing cost would be charged to the firm requesting plans.

Information regarding new buildings to be erected and the name and location of architects drawing the plans are obtained from the Dodge bulletins or various Building news magazines published throughout the country such as The American Contractor, Texas Contractor, Builders Weekly Guide and numerous others. The bulletins issued by Dodge Corporation cover the projects to be erected or contemplated. Each job listed is printed on a separate sheet of paper 4 1-2 inches by 2 1-2 inches, covering the name of the job, location, owner and his address, architect and engineer with addresses, size and height of building in stones, also noting the products to be used for exterior facing. When the general contractors bidding on this project are known, the names and their addresses are published on these bulletins. The magazines furnish this same information only printed in magazine form. The cost of the magazines are much cheaper than the bulletins because they carry advertisements in it and are published weekly whereas the Dodge bulletins are sent daily.

After receiving the plans for the job you want to figure the closing date and a list of contractors figuring the job must be obtained. By closing date we mean the date set by the architects and owners for all general contractors to have their bid into their hands.

The next procedure is to read the specifications and take note of all the important information such as grade of stone, finish, size of joints, whether carving will be executed at the mill or job, also whether the models are to be furnished by the stone contractors or others. At times the architects state the amount to be allowed in the stone bid for models to be furnished by others, in which case the freight on models from the city where they are made, to the mill where the stone is to be fabricated should be added.

In estimating an estimator must have a good conception of the length of time it requires to plane any class of molded work or ashlars, also how long it takes to cut any returns, heads, reprises, etc., of any class of molded work or tracing.

The stone is listed on a sheet of paper specially printed for estimating uses where the number of pieces required, description, length, width, height, cube, planer hours, cutting hours, carving and sketches can be written down. It is best to show the sketches of the various pieces required, as a check on the work can be made whenever necessary, and it makes it easier for the estimator to pick out the different parts of the job in case a change is made omitting a portion of the work or in the event he has to refer to the estimate at a later date. It is not meant that a sketch should be made separately for each piece of stone, but we do mean that the lineal feet of continuous base course or ashlar or watertable, etc., can be put into one item and the head pieces listed separately. Should the head pieces be of same depth as the intermediate stone the lineal foot could be added to the length of the intermediate stone and made into one item noting the number of heads or reprises in the complete course.

There is no special course to follow when figuring the planer and cutter hours as some estimators figure this work as they go along and do not make sketches, whereas others take off their quantities making sketches as they go along and when finished go over their estimate and put down the necessary planer and cutter hours required to fabricate the various items listed.

Having completed the list of quantities and obtained the total cube, total planing and cutting hours, preparation of the cut stone estimate then becomes a matter of setting up a summary of the various items and their costs to which is added the carving, such contingent costs as the job may occasion, freight to the point of delivery, and finally such profit as the job may warrant, and the success of your business require. Unfortunately disregard of the final and essential item is of necessity influenced by conditions and at times if an estimator hopes to secure a job for his company, he must close his eyes entirely on the vital item of profit since by a comparison of his figures with those of other companies on the same job, he knows that his figure can not be governed by what the job should honestly and legitimately bring, but rather by what you can get for it. This indeed is a deplorable condition. There is a decided element of risk involved in fabricating and supplying cut stone which justifies, in fact makes imperative a reasonable margin of profit on each and every job. It is high time that every estimator and every firm in the district resolve now that henceforth every job must carry a fair profit and stick steadfast to such a resolution.

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## Local Firm Receives State Park Contract

The local firm of Mustard-Curry, building contractors, has just been awarded the contract by the State Conservation Commission for the erection of a building at the Dunes state park, between Gary and Michigan City. Dean Rothrock of Indiana university, a member of the commission, said that this building would be the first unit of a building program entailing an expenditure of approximately $140,000.

The building which will be 170 feet long and 65 feet wide will be protected by a sea wall 12 feet high, sunk eight feet, and extending along the beach for 240 feet.

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If intensive farming methods were applied to the entire 505,000,000 acres of American farming land, the food crop would be doubled, the secretary of agriculture recently stated.

# Scenes From Annual Picnic of Indiana Oolitic Limestone Co., Sept. 21

The Long Studio of Photography, Bedford, Indiana

1. Club House; 2. Climbing greased pole; 3. Coffee Shop; 4. Penny Scramble; 6. Merry-go-round; 9. Barrel Race; 10. Lunch; 11. Riding the pony; 12. Carl Preble, Director of Band; 13. Lawrence Whiting, A. E. Dickinson, of the Indiana Limestone Co.; 14. Lawrence Whiting addressing the employees after dinner; 15. He is not "Reducing."

# Annual Indiana Limestone Company Picnic

[By CARL E. PREBLE]

WITH the largest crowd that has ever attended a picnic in Bedford or vicinity, the Second Annual Picnic of the Employees of the Indiana Limestone Company was held with perfect weather over head and perfect surroundings to otherwise make it the biggest day ever for the entertainment of employees of the Indiana Limestone Company.

Saturday, September 21, was selected by the committee for the picnic, and these gentlemen proved themselves perfect weather prognosticators by picking the first clear day in two weeks that was really warm and fair.

It is hard to exactly describe just how enjoyable the day was, to those especially who have never been in this ideal park, known as Dickinson, which was named after our genial President, Mr. A. E. Dickinson.

Most any crowd can assemble a picnic in any spot but to assemble the bunch that was at the Second Annual Picnic in the beautiful Dickinson Park which abounds in natural scenery, typical of Indiana, in the surroundings that were prevalent at this event, was to arrange just about perfect the plans that were developed.

Before going into detail on the picnic, it is fitting that credit for the development of the park be given where it is due. To Mr. Fred Hatfield and other members of the Bedford Industrial Club, who conceived the idea of this gigantic park undertaking, and to the many employees who so ably assisted in putting the project through, should go unstinted praise for this mighty accomplishment. If the park had not been in the near stage of completion, the success of this last picnic could not have been the great day of enjoyment that it turned out to be.

In the past year, the park has developed in leaps and bounds. Cooperation amongst these broad minded men, with no gain other than building a place for his neighbor and friend to enjoy, with no one gaining materially in any respect other than hearing the other fellow saying "well done." These men deserve honor for accomplishing what seemed at first a tremendous outlay of money, at very little cost, and when there was a cost, they dug down and brought that out too.

The picnic started out early, with the special train coming in from Bloomington about 10 a. m. with nearly a thousand employees and their families from the Monroe County district. The first events were started at 10:30 with the hundred yard dash and continued on through the day. At noon baskets with plenty of good things to eat were unloaded and the picnickers prepared for the full day of entertainment.

At one o'clock the first concert of the Industrial Club was started. From this on to, the athletic and field events being held it was one continuous period of entertainment to another.

At three o'clock, the speakers of the day were introduced by Mr. T. K. Donovan, master of ceremonies. Mr. A. E. Dickinson, President of the company was first introduced and he in turn gave an inspiring talk to the listeners that was well received by all. Mr. Lawrence Whiting next was introduced and responded with a fine talk to those present, of the bright outlook for the future business. The last speaker was Mr. Frederick Shortemeier, former Secretary of State and at present, attorney for the Indiana Limestone Company, in Indianapolis. Mr. Shortemeier's address was well liked by all. His points were outlined clearly and had depth in meaning suitable for the occasion.

After the speaking, the Quartet and Fiddler's contests were held on the band stand. These events both proved highly entertaining. First prize in the Quartet contest was won by the Monroe County Limestone Quartet, second, going to the Erie Quartet of Bedford. The Fiddler's contest was won by John Bundy, of Bedford, and second, by Jesse Fields, of Huron.

After the contest came the remaining athletic and field events and the wrestling contest. The last named kept all interest until the very last fall was made. Every vantage point was taken by spectators.

The herd of Shetland ponies, were kept busy with youngsters riding them every minute of the day. Free tickets were given every registered parent and these were passed on to their kiddies.

After supper the concert was given by the Industrial Club Band, the winning quartet contestant appearing with the concert. Mr. Dick Hall, of Bloomington also appeared on the program showing his versatality as an entertainer by playing the harmonica, banjo and guitar.

After the concert the Boy Scouts gave a demonstration and interesting data concerning scout life and activities that was interesting.

The day was rounded out with dancing in the Club House. All employees registering on arrival were given a chance on the capital prizes; 1st Prize, $50.00 in gold, by the company; 2nd Prize, ton of West Virginia coal. The first prize was awarded to Chas. Goodall, stone cutter, employed at Bloomington; second prize to Harry Smith, planerman, Bedford, Ind.

It was the biggest and best ever held, by the remarks of those present, and the committee is now looking forward to next year's plans, when they say "You aint seen nothin' yet."

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## Hanging Crepe

Occasionally when we hear some one hanging crepe, we call his attention to the tragedies recorded in the Old Testament, and refer him to the time of Samuel when Saul, and David and Goliath and that bunch were having such a heck of a time, and later when your uncle Solomon's boys were fighting the old gent, trying to nab his thrown. Is anything going on now more tragic!

Then to, as words of consolation to my pessimistic friend, I refer him to the following encouraging facts:

That the U. S. owns an automobile for every five citizens;

That 920,000 young people are enrolled in the colleges of this country;

That there is over a hundred billion dollars life insurance in this country;

That never in the history of the world was labor in this country so well paid as now.

* * * * *

A baby bird has been aptly described as a "mouth and a stomach, covered with feathers."

# Story of Shawnee Master Mechanic

LAST week in making the rounds of the quarries and mills looking up "Shop Notes" our representative reached the conclusion that first hand information of the workings of one of the big mills would be read with interest. Knowing that the large Central mill of the Shawnee Company, in Bloomington, is one of the busiest and most productive plants in the district our reporter took Superintendent Harold Rowland in his confidence, who "turned" us over to John Scully, Master Mechanic, as the safest one around the premises as guide for the inspection. This just suited us, as we considered the daily routine of a wide awake, capable superintendent of machinery, such as we knew Mr. Scully to be, would be one of the most interesting stories we could give.

We found Mr. Scully back of a big traditional Irish smile giving instructions to a bunch of men about the best way to repair a boiler that was out of commission. Mr. Scully's face is a fine map of the hinterland, and while he has the proverbial good humor of this famous isle, yet he is all business, and his duties are too numerous for him to devote much time to visitors. The mechanic who can play host to a reporter on a tour of inspection, and at the same time dovetail instructions to his men what to "do" with "this and that," has either natural or acquired versatality —anyway John showed us around, kept us out of danger, and filled his position as trouble man without difficulty.

Before the "boiler" instructions were finished, Mr. Scully was sought by a "crane" runner, who was "getting nowhere." Skinning up the ladder, in a minute a burnt out fuse was replaced by a live one, and the procession of hookers below moved on. As the man of "trouble" climbed down, a planerman was waiting with a tale of woe—the stock would not "raise and lower." An inspection developed the fact that lack of oil was the trouble, and the planerman was informed that oil was cheaper than new machinery.

As we moved along our guide detected a diamond saw making a bad cut. The machine was stopped, checked over, and found the saw needed hammering, and the trouble was easily taken care of.

Before this saw hammering was fully taken care of, Mr. Scully scented an "oil odor," and tracing the "lead" found a hot bearing on the crank shaft of one of the gang saws. The bearing had been tightened too much; being released cured the difficulty.

Superintendent Rowland, who was "casting about," called the Master Mechanic's attention to the fact that the motor on the air compressor "showed smoke." "Yes," said Scully, "I am getting to it as quick as I can." Just then a planer belt came off, and according to positive orders that shafts must be stopped when belts

JOHN S. SCULLY

are to be thrown on pulleys, the shaft was promptly stopped. "More accidents occur from putting on belts, than from most any other cause," said Mr. Scully, "and all of our men know they must take every precaution in this respect. "You see that man over there working on that motor. I saved his life last week by grabbing his clothing and pulling him off a live wire. Since then we have bought a supply of rubber gloves." "No danger in grabbing the man's clothing, but touching his body might have proved fatal to both parties."

We assure our readers that the trip through this mill was quite interesting, and it gave us a fair idea of the daily routine of a Master Mechanic. Mr. Scully is recognized as one of the most capable men in the district. He is faithful to his duties, conscientious and realizes his responsibility both to the company and to the safety of the men. They have a well organized safety committee that meets once a month. Mr. Scully spoke in highest terms of the Shawnee officials and said they were doing everything they can to safeguard the men. Last week they installed electric horns for the train men to use as they enter and depart from the mill.

Mr. Scully is a man of ingenuity and predicts valuable improvements will be made in the machinery used in the mills and quarries. He suggests that a great improvement to planers would be to make them heavier, with the installation of turrent heads, by which several bits of different types of mouldings could be held, avoiding changing of tools. He believes gang saws should be constructed lighter, so greater speed could be maintained.

Mr. Scully feels that one of the greatest needs right now in the belt is a well equipped experimental shop, whereby new ideas may be developed into practical machines and tools. Other large industries maintain plants of this sort, why not the stone industry.

Mr. Scully has an interesting family, and by properly husbanding his means he has built a valuable home on East University street, at Bloomington. He is a son of the late Barney Scully, who came from Ireland in 1868. He worked for Matthews Brothers Company, as blacksmith for 40 years, and was a man of great skill. John worked with his father, and after his death in 1908, took charge of the shop. Later he worked one year for Nordyke & Morman, at Indianapolis, as machine tool repairman, and has been with the Shawnee company for the past 10 years.

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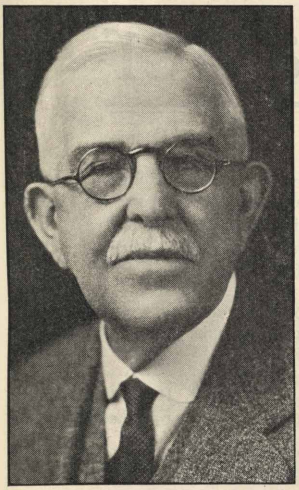
Colby, Kas., will levy no taxes this year, becoming a taxless city for the second year. Its municipally operated light and water plant under the direction of E. V. Snell, city manager, earns enough to pay Colby's taxes and also to grant its citizens a 25 per cent. reduction in its water rates for the summer months.

# Veteran Monon Railway Conductors

W. B. H.

IN this number of Quarries and Mills we are presenting short life stories of two of the best known railway conductors in Indiana — Messrs. J. H. Ross and M. C. Hackett. It is a pleasure to feature these old friends in our publication, and we believe the railroad men generally, as well as the stone operators and employees will read the stories of these popular and aged conductors with much interest. For around 45 years each of these men have been fixtures of the Monon railway, and two more popular or more faithful railway em-



J. H. ROSS

ployees cannot be found. They are both in the harness, running the Bloomington-Louisville local, enjoying their work, and greeting the traveling public with the same feeling of interest and care that has characterized their lives throughout.

Captain J. R. Ross was born at Lawrenceburg, Indiana, January 17, 1847, and will be 83 years old this coming January. We suggested to Mr. Ross that perhaps he is the oldest active railway conductor in the United States, but he hesitated to sanction this statement, believing there are older men on duty than he.

At the age of 16 Mr. Ross entered the O. & M. railway shops at Seymour; the road now is the B. & O. A few years later he run baggage and freight on the O. & M. While on baggage the famous Reno gang held the train up. There was nothing prosaic in this experience. Later four of the gang were hanged on a tree, and four more taken from the jail at New Albany and hanged. In 1862 Mr. Ross left the shops and later was freight conductor on the old St. Louis Air Line at Evansville. In three months he was promoted to passenger conductor, which he held for two years. During those days the principle of seniority was not adhered to and with the changes of the high officials the "old bunch was laid out," as Mr. Ross smilingly termed the change. For a short time Mr. Ross was conductor of the L. N. O. & T., now the Illinois Central, with his headquarters at Vicksburg, Mississippi. In 1886 Mr. Ross was employed by the Monon as conductor and for the past 43 years has been in active service.

Within the scope of his 67 years of railway experience Mr. Ross has witnessed a complete revolution in engines, cars, link and pin coupling, track and the methods of train service. The modern air brake has supplanted the old system of hand brakes. Monster engines have taken the place of the old wood burners, modern couplings, and the steel rails have superceded the old strap iron system nailed down to wood stringers.

With pride Mr. Ross referred to the fact that in those long 43 years as conductor on the Monon he has never had a serious wreck, and never had a passenger with even a bone broken while on his train. This fact speaks volumes for the care and fine Monon motive organization.

Mr. Ross has had many humorous as well as some sad experiences in his career as conductor. He says the automobile has taken "the boys" off the blind baggage, and riding the "bumbers" is a lost art. The saddest thing is a run-away girl or boy, out of money with a look of despair for want of friends and sympathy.

One of the most amusing experiences in the veteran conductor's career, always came after the Chicago elections. Often he would have a Pullman loaded with drunks, going down to French Lick to sober up.

As the average drunk man is without reason or judgment often a gang leader would become unruly, and show a disposition to "run things." That sort of a fellow would usually come to grief. Mr. Ross rembered one occasion when he found it necessary to swat a big fellow with his open hand, the ticket punch on his hand bringing a fine flow of blood. Just at that time a big policeman loped on the train at the Lafayette yards, and the drunken bully and his friends did an "eloquent" job of pleading to keep the fellow on the train apast the Lahr house station. The fellow had blood all over his clothes and looked like a stuck pig.

Mr. Ross's statement about the diminution of drunks is the most encouraging evidence for the W. C. T. U., and the Temperance cause, in general that we know of. He says:

There is not one drunk now where there used to be 100 on his train.

Mr. Ross gave it as his opinion that the railways of the country did much in the early struggles of the temperance cause to sober up the country, by demanding employees of high character and clean, sober lives.

Our interview closed by the observation of Mr. Ross that a lot of the railway boys would like to see the picture of Mr. E. P. Cockrell, General Passenger agent, in Quarries and Mills.

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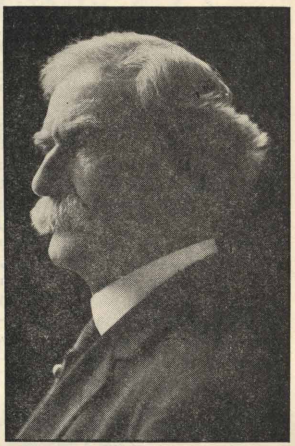

## Captain Michael C. Hackett

W. T. M.

"The surest test of a man's success in life is in the friends he makes and keeps." This quotation may not be

(Continued on Page 42)

# Constructive Thrift More Than Saving Pennies

"That fellow knows how to get along. The pennies do not escape him."

Such a statement as this is not infrequently heard; it reflects the conception of thrift as held by many.

Thrift, however, means more than just saving pennies. Attempting to limit thrift to the saving of money is merely an effort to accept a half-truth.

Altogether too much encouragement has been given to the false doctrine that the thrifty man is a penny saver. As an effect of this false viewpoint, harmful resistance to thrift has been created.

It is true that saving pennies is one of the rudiments of thrift. But it is just as thrifty to save moments; to save one's health; to save one's energy.

Thrift is efficiency. Thrift is eliminating waste. Thrift is spending wisely as well as saving systematically.

Many a successful career and many a great enterprise were founded on penny saving. But to say that thrift consists of saving pennies is as far from the whole truth as to say that the alphabet is literature or that those who know the multiplication table have mastered mathematics.

Let us have more penny savers, both literal and figurative. Let us all learn more and more the value of little things. Let us do all we can to encourage the thought that a penny saved means a great deal more than a penny earned. But let us not foster miserliness or encourage the belief, already too prevalent, that there is nothing to thrift but the hoarding of pennies.

Save the pennies, but do not stop there. Money is the symbol of wealth, but it is not the symbol of human progress. The value of thrift as an essential element of individual development cannot rightly be measured from the standpoint of saving pennies.

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## Expressing Appreciation

"I like to work," said a man, "particularly when I have a feeling that I am accomplishing something."

It is important that we have the sense of getting somewhere. The tragedy is that many are doing excellent work, but nobody whose opinion really carries weight takes the trouble to say so.

Why do we hesitate to express appreciation, approval, interest? Why do we assume that someone else is saying the kind word that we continually neglect to speak?

Men who for years have given outstanding service to their communities and to their industries often quietly confess that their deepest and most disturbing wonder is whether or not they enjoy the good opinion of those they are striving to help. The temptation is to become cynical and quit, but their spirit is supported by a philosophical understanding of human nature, and so they go on.


# Character

Underlying every transaction in life and back of all commerce and credit is something that money cannot buy nor position give. It is the foundation of every friendship, of faith, of trust, of love. It is the one thing that every mother would more than all else endow her child with. It is CHARACTER.

Every teacher, leader and employer seeks it and rejoices in the finding. Knowledge, ability and genius can be bought, but without character they are worthless.

It is the will to do right, because right is right. It was the thing that made Lincoln the greatest mortal that ever walked across the page of history.

It is beauty because nothing is beautiful that has not character. It is fundamentally religious for fundamentally religion is Character. It is a reflection of the Divine. It is born, yes, but it is also built and developed.

It has been the aim and hope of this institution to build on character. Our personnel has been selected for ability, and intelligence, yes; but more than all else, for CHARACTER. This great truth will never be forgotten in the conduction of this business or in its dealings with the Public.

Breeden's

BETTER VALUES

# Ledge, Drafting Room, Quarries, Mills

## Shop Notes of the District

Charley Baugh, gang sawyer at the mill of Matthews Brothers Company, at Ellettsville, came near losing an eye a few days ago while putting a belt on the pulley. A severe wound was inflicted but fortunately the sight was not injured.

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Oscar Shultz, of the B. G. Hoadley Quarries, Inc., has been off from work several weeks due to an accident to his face while hunting. His brother, Ray Shultz, formerly of the Hoadley Cut Stone Co., of Columbus, Ohio, is taking his place at the quarry.

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Miss Naomi Eller of B. G. Hoadley Quarries, Inc., has returned to work from her annual vacation. Mrs. Fred Coffey filled her position very nicely for the time.

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Ralph Figg, of the Monon drafting room force, has been suffering several weeks from an abscessed tooth, but is now back at work. He was "out of commission" altogether for a couple of weeks.

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The A. J. Thompson Company continues on high pressure with a day and night crew. Allie Cruise, the engineer, says the company is turning out more work than any other small plant in the field, and new jobs are being booked ever so often. The consensus of opinion of the entire force is that Allie is giving out the right dope.

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The Monon Stone Company is having an addition built to their office, with a large fire proof vault constructed to safeguard the papers, blue prints, etc. The plant is covered up with business, but never too busy to take on new orders. Their two crews of 8 and 9 hours, respectively, are "whooping 'er up," with big shipments going out every week. Just now they are very busy on the Merchant Bank & Trust Building, Jackson, Mississippi; Sacred Heart of Mary Church, Cleveland, Ohio; Immaculate Conception Church, Washington, Pennsylvania. As a caller at the office the other day we found Mr. Sam Fagan off on a trip for a week; General Superintendent Howard Fagan up at the quarry seeing that "the boys" were stacking up a nice lot of buff for winter use.

* * * * *

The Victor Oolitic is just now ready to turn a dozen machines loose on a fine floor of about one acre just lately stripped off. There was "hardly anybody at home" the day we were down and Superintendent Taylor was too busy in the stacking yard to "receive visitors." From a small streamer in this issue of Quarries and Mills it may be observed that as usual the company will have an abundance of their high grade buff to supply winter needs. In one way the Victor

(Continued on Page 12)


# A. J. THOMPSON STONE CO.

## Indiana Oolitic Limestone

## CUT STONE CONTRACTORS

### Jobs Now Being Fabricated

CAMPANILE FOR STATE COLLEGE
Brookings, South Dakota

FIRST PRESBYTERIAN CHURCH
Fargo, North Dakota

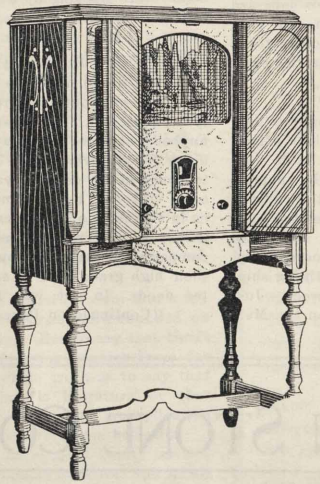
SENIOR HIGH SCHOOL
Parkersburg, West Virginia

ATHLETIC BUILDING
St. Bernard, Ohio

Ellettsville -:- Indiana

# The PHILCO is the Greatest Radio on the Market

TRUE, CLEAR TONE ALWAYS, BECAUSE OF WELL BALANCED UNITS



## Beautiful Cabinet Designs

THE new Balanced Unit Philco chassis are mounted in cabinets you will be proud to have in your home. The work of America's leading furniture designers, they are handsomely carved and beautifully inlaid.

We want you to hear the new Philco perform in your own home, under the same conditions it will encourter in actual use. So confident are we that it will delight you beyond all words that we gladly offer you a free trial without the slightest obligation to buy. Be sure to hear the new Philco before buying any radio. When you compare the tone of this set with any you have ever heard, when you see its great selectivity, when you bring in station after station you have never been able to get before, then you will realize its tremendous value; then you will want this new Balanced Unit Philco for your own.

By Buying In Large Quantities, We Are In a Position to Make Lowest, Possible Prices

EASY TERMS TO SUIT EVERY BUYER

## Largest Dealers in Bloomington

We are the largest Radio Dealers in Bloomington or southern Indiana. We maintain a large rest room, second floor above our store, and continual demonstrations are given. All are welcome to use our rest room, and are not placed under any obligation. The news of the day, ball games, market reports, and best music that's on the air, all produced on the wonderful Philco.

The Philco brings clearer tones, more stations and greater distance—you will like it. Come and let us demonstrate. The price within the reach of all.

**HOOSIER HARDWARE COMPANY**

**Phone 4375** **North Side** **Bloomington**

# Lawrence Co. Products Show Oct. 9, 10, 11, 12

SEVEN Farm Products Shows have been held in Lawrence County. The first was held in 1920. The Centennial in 1925 made it inadvisable to hold a show that year and the following year not having a County Agent it was decided not to attempt the project. In 1927 a very successful show was held with 1777 separate entries. Last year there were 2434 separate entries. Added to these each year were the merchants displays and the Auto Show. It is the hope and ambition of everyone connected with it that the show this year be made the best that has yet been held.

The Products Show is divided into eleven departments, each with one or more individuals in charge. These departments are, Agricultural Products, Horses and Mules, Hogs and Sheep, Cattle, Poultry, Art, Girls Club Work and Women's Clothing Project, Fruits, Canned Goods, Pastry, and Floral. Department Superintendents give their time gratuitously to the show each taking care of exhibits and supervising the department even to reporting the awards of the judges.

The Products Show is looked upon as a community enterprise and every individual in the community should be interested. Very responsive and voluntary support has come from County Officials, Committees, and Department Superintendents. The merchants of Bedford have contributed of their time, cash and merchandise in order that this very splendid premium list may be made possible. Approximately $2500.00 is offered in cash and premiums and several hundred dollars in merchandise are offered in addition. No fees and no admissions are charged anywhere. The only money the show gets outside of appropriations and subscriptions of merchandise is that from concession charges and space rentals.

The Officials of the city of Bedford have been very kindly disposed toward the Products Show and have voted the use of the city square where the exhibits are placed. Forty feet of tent this year will cover three sides of the square where all the exhibits except Clothing and Needle work will be placed. The other side of the square will be taken up by concessions, a ferris wheel and a merry-go-round. The police will rope off the square and with extra police duty see to it that the entire space is used for the single purpose of making the show a success.

These products exhibits are the show window into which the community and county may look to see their progress and development reflected. The improvement in livestock, crops, canned goods, pastry, art, and every other department, should reflect the progress of the times and there should be a wholesome interest shown by everyone in the county in that progress. Wholesome rivalry among farmers and breeders of livestock tends to cause them to produce the best of which they are capable and an enlivened

(Continued on Page 33)

39 Years of Service to This Community

LET US SERVE YOU

Stone City Bank

OLDEST BANK IN BEDFORD, INDIANA

FOUNDED IN 1890

# Ledge, Drafting Room, Quarries and Mills

(Continued from Page 9)

Oolitic is like a clothing store—you tell 'em the size blocks you want and they go to the right "shelf" and load 'em out—without delay, too.

* * * * *

## Interesting Facts Concerning Spencer as the Future Oolitic Stone Center

A few minutes talk with practically any of the merchants in the progressive town of Spencer quickly brings to the front that they are "boosters" for the Stone Industry as the future prosperity for Spencer. Practically located on the finest deposit of Light Buff Indiana Oolitic in the entire belt and with outcroppings practically on all sides of this city it remains now for the facts to be shown to the Stone Industry to create a demand for some of the riches bound up in Owen County hills.

Living expenses are low in Spencer, ample labor can be had at reasonable rates, comfortable homes rentable at living prices, fine schools, churches and business organizations does make Spencer an ideal place to locate. Then, add to this the great natural deposit of fine Oolitic Stone, in many places ready for the channellers and derricks with practically no stripping or removal of overburden, sites right on railway switches for mills, a surplus of water for the industry and power rates that are right and one would have to go far to find more attractive features appealing to the individuals or companies looking for locations.

Owen County Oolitic is not unknown—practically most of the larger companies know of this quality stone but to those who get into this field First there awaits real opportunity. The Chamber of Commerce or the Beaver Club will be glad to reply to any inquiries, accompany visitors who are interested and furnish statistics showing the truth in the statement that "Spencer is the Field of Great Opportunities."

* * * * *

The plant of H. A. Woolery & Son is hitting it brisk on a long day run, with plenty of work for the future, but ready to take on new business. This is one of the few firms that does not find "night runs" very satisfactory, and hence confines operations to the "one crew system." In a large way they have the "same old crew" that's been with them for years, and thereby foster the highest efficiency and maximum productions. A month ago Superintendent Ralph Woolery met with an accident by which a bone in his foot was fractured, rendering him unable to perform his duties, and Matthew Carpenter, of the drafting room, is in charge of the mill, Rufus Wineland, supplying temporarily Matthew's job in the drafting room.

Medinah Athletic Club, Chicago, Ill., Architect, Walter W. Ahlschlager, Inc., Cut Stone Contractor, Indiana Limestone Co., General Contractor, Paschen Brothers, Coarse Buff Stone.

Charley McHenry, Superintendent of the Indian Hill Cut Stone plant, has returned from a vacation and tour of inspection of work at various places, and especially a group of state buildings at Manteno, Illinois. Mr. McHenry has been very busy since his return managing the large business, as Messrs. Fagan have for a few days been taking their vacation.

* * * * *

The new quarry of The Carl Furst Company, on the Neeld farm, is developing very fine. The stone is being worked at their mill at Bedford, and the men say they have never found a better working stone. The blocks stacked up show A No. 1, select buff. For splitting qualities we overheard an old stone man say, "It's got anything I ever saw beat." Supt. Jackson considers it the best prospect he has ever had charge of, and he has been in the game 25 years. He has polished up some specimens and gave us one of the polished samples which shows fine grain, even, and hard to beat.

* * * * *

In this number of Quarries and Mills we had intended giving the picture of the Office and Drafting force of the Hoadley Mill, and the ladies comprising the force were "all dolled up," for the occasion, with Photographer Charles Gilbert Shaw primed for the trip to the mill, when Old Pluvious broke in with a fine crop of showers and spoiled it all. We are looking for a bright day to get the picture, and expect to present it in our November number. The Hoadley Mill and Office force embraces 95 people, and every one of the number subscribed for Quarries and Mills. We thank every one of them, and request if any of them, or anyone else for that matter, fails to get their copy that they will drop us a card, and we will send another copy.

* * * * *

The Charles A. Pike Lumber and Construction Company, is putting the finishing touches on the new Kresge block on the west side of the square at Bloomington. For a few weeks the company had a day and night

(Continued on Page 41)

# Sales of Indiana Limestone in 1928

SALES of stone from the quarries of the Bedford-Bloomington oolitic limestone district, in 1928 as reported to the United States Bureau of Mines, Department of Commerce, by the producers, amounted to 14,520,060 cubic feet, valued at $17,760,622. This was an increase of 7 per cent in quantity compared with 1927. These figures include 4,520,320 cubic feet of rough blocks, valued at $2,696,376; 5,745,020 cubic feet of sawed stone, valued at $4,128,388; 180,050 cubic feet of semi-finished stone, valued at $353,633; and 4,074,870 cubic feet of cut stone, valued at $10,582,225. Combinations effected in recent years of firms operating quarries with those operating mills in this district have tended to decrease the sales by the quarrymen of rough blocks by throwing the rough stock quarried by them into their own mills and thereby increasing their sales of finished stone.

Besides the high grade stone quarried chiefly for construction, considerable stone (amounting to 429,890 tons, valued at $302,819, in 1928) used for concrete, road metal, flux, riprap, rubble, glass making, agriculture, etc., is produced in these counties.

Stone sold by quarry operators to the finishing mills of the district and dressed and resold by them in 1928 amounted to 1,177,320 cubic feet, valued at $2,594,224, a decrease of nearly 30 per cent in quantity from 1927. The total sales by these plants included sawed stone, 322,645 cubic feet, valued at $284,034; semi-finished stone, 31,750 cubic feet, valued at $50,526; cut stone, 822,925 cubic feet, valued at $2,259,664.

The accompanying tables show the output of the district for the quarries and finishing mills, for 1927 and 1928, by classes of stone:

## Sales for 1927-28 by Classes

Class—Construction: Rough blocks, cubic feet, 1927 Quantity, 5,445,970, Value, $3,461,369; 1928 Quantity, 4,520,320, Value, $2,696,376.

Sawed, do, 1927 Quantity, 5,268,060, Value, $4,685,844; 1928 Quantity, 5,745,020, Value, $4,128,388.

Semi-finished, do, 1927 Quantity, (1), Value, (1); 1928 Quantity, 180,050, Value, $353,633.

Cut, do, 1927 Quantity, 2,858,920, Value, $8,259,957; 1928 Quantity, 4,074,870, Value, $10,582,225.

Total construction, do, 1927 Quantity, 13,572,950, Value, $16,407,170; 1928 Quantity, 14,520,260, Value, $17,760,622.

Other stone, short tons, 1927 Quantity, 423,320, Value, 381,455; 1928 Quantity, 429,890, Value, $302,819.

Grand total, 1927 Quantity, 1,407,360, Value, $16,788,625; 1928 Quantity, 1,482,610, Value, $18,062,441.

1. Semi-finished stone included under sawed stone.

Indiana oolitic limestone sold by mills not operated by quarry companies in the Bedford-Bloomington district, Lawrence and Monroe Counties, Indiana, 1927 and 1928, by classes 1.

Sawed, year 1927, cubic feet, 728,000, value, $704,732; 1928, cubic feet, 322,645, value, $284,034.

Semi-finished, year 1927, cubic feet, 35,030, value, $58,056; 1928, cubic feet, 31,750, value $50,526.

Cut, year 1927, cubic feet, 907,440, value, $2,883,657; 1928, cubic feet, 822,925, value, $2,259,664.

Total, year 1927, cubic feet, 1,670,470, value, $3,646,445; 1928, cubic feet, 1,177,320, value, $2,594,224.

1. Includes some stone purchased by quarry operators and milled and resold.

* * * * *

Practical evidence of the unimportance of the extra point after touchdown in football games has been produced at the University of Iowa. In forty years of gridiron contests records show that in only three cases did the extra point play a major part in the outcome of the game.

**King Tut's** ON THE CORNER AT ELLETTSVILLE

IS WHERE THE

**Quarry Boys**

MAY BE SEEN ON

**SUNDAY**

GROCERIES and MEATS

Dependable Goods Priced Right

The Trade of the Mill and Quarry Employees Appreciated.

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# Reed-Powers
## Cut Stone Company
INCORPORATED

CUT STONE CONTRACTORS
AND QUARRYMEN

Mill and Main Office: BEDFORD, INDIANA

Schloot - Dougherty
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NOW IN OUR NEW HOME

1022 15th STREET
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LIBERAL CREDIT
EASY TERMS

PHONE 375 FOR EVENING APPOINTMENT

IF IT IS
**Electrical**
WE CAN REPAIR IT

**Bedford Electrical Repair Shop**

Motor Repairs and
Armature
Rewinding

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PHONE 433-W

BEDFORD - INDIANA

# Gleanings From the Field of Science

## Stuck In the Mud

Drive as carefully as you may, it is no uncommon thing to get stuck in the mud. A practical mechanic, who does not want to undergo the annoyance of having a "team pull him out," has a convenient "contraption strapped" to the underneath side of the running board. It consists of a special board of good wood, covered on both sides with wire lath. When occasion arises, loosen the board from the running board, shove it under the wheel, and "turn on steam." Out she goes, and the farmer with his team has lost a job.

* * * * *

## Edison's First Lamp Is Pictured on Stamp

A picture of Edison's first electric lamp was placed recently on a special two-cent U. S. stamp. Edison's portrait could not be used because of a general rule against portraying living persons on stamps or money of the nation.

The stamp is one of the few inventions to be honored in this way. While airplanes, steamboats, bicycles, and railway trains have appeared on U. S. stamps, they have been placed there because they are means of transporting mail rather than because they are inventions. Last year a picture of the Wright brothers' first airplane appeared on a special stamp commemorating the twenty-fifth anniversary of the first flight.

* * * * *

## Aluminum Replaces Wood In Office Chairs

Aluminum is taking its place beside mahogany, walnut, oak and birch as a material for building chairs. One company in Buffalo, N. Y., is producing 3,000 aluminum office chairs a month.

An aluminum alloy that has approximately the strength of mild steel is used. The weight of an aluminum chair is about one half that of the same type of chair made of wood. Seats of this kind are expected to find wide use in dirigibles and airplanes, as they are stronger than the wicker furniture now used.

* * * * *

## How Balloon Was Named

The balloon got its name from a bottle. In 1783, when the Montgolfier brothers made their experiments with a bag filled with hot air, their invention was called a "balloon" because it resembled a large, round, short-necked bottle of that name then used in chemistry.

* * * * *

## Deep-Breathing Exercises Practised by Ancients

"Inhale—exhale," the directions used in setting-up exercises, are far from being a recent invention. Two thousand years ago, according to Dr. O. S. Johnson, of the University of California, the Chinese practiced deep breathing as a road to long life.

The ancient hygienists counted their heartbeats to time the holding of their breath. An old writer directs that 120 heartbeats should be counted before the breath is expelled; and after a long period of training, he

(Continued on Page 33)

CITIZENS TRUST COMPANY

Real Estate and All Kinds of Insurance

Interest Paid on Savings Accounts

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BEDFORD : : INDIANA

*Now!* **The Eyes of the Indiana Oolitic Stone Industry**

TURN TO

# Spencer, Indiana

"THE FIELD OF GREAT OPPORTUNITIES"

Deposits of the Finest Light Buff Stone in the State
that can be quarried at the lowest expense

Exceptional Mill Sites with Every Facility
for quick, easy handling of the largest orders

Water Supply with Low Power Rates

Plenty of Labor at a Wage That is Right

Modern Homes at Reasonable Rentals

Progressive Business Men, Anxious to Co-Operate

Investigate Spencer, Indiana, if you are interested in something better than the stone industry has had offered it before—a good place to locate—a good place to live and to establish your business—right here at

## SPENCER, INDIANA

**"The Future Center of the Oolitic Stone Industry of Indiana"**

This advertisement is made possible through the interested co-operation of the following business people of Spencer. Write any of them for particulars—you'll get an interesting reply.

American Doughboy Studios, E. M. Viquesney, Sculptor
World's Products Co.
Curry's Department Store
Galloway & Fulk, Grocers
Gray's Hardware and Furniture
Britton's Hardware Store

# Romona Follies a Great Hit at Spencer

[FROM PHIL MAXWELL'S SPENCER EVENING WORLD]

INGALLS employees cut stone in the daytime and caper at night. At least that is what took up their time last night when Harley Campbell threw his theatre wide open to them and before the evening was over everyone remarked that the "Romona Follies" had put Mr. Ziegfeld way back behind the curtain as a director of hot tunes, rapid steps and wisecracks.

Harley Campbell was in his element, on the stage, back of the stage, in the music room, the projection booth and on the stair last night all at one time. When he wasn't playing like he was a Vitaphone or telling George, the operator, to brighten up the lights a little bit he was out in the hallway receiving the congratulations of the guests for being host at one of the most pleasant evenings of entertainment ever seen and heard. And clear in the background was Bob Ingalls, the prince of fellows as Harley called him, unwilling to come and take a stage bow as he should have been made to do. It was through Bob's ingenuity and hard work, coupled with the enthusiastic assistance of his men that the "Romona Follies" proved to be a swell show and an entertainment which calls for the 1930 edition next year at Campbell's Theatre.

Holly Weaver, in high hat, green and red uniform and a cane, ably presided as master of ceremonies and his remarks were not only good but funny. He proved himself quite a world renown figure when he nonchalantly told of conversations with Jack Dempsey and a personal interview with Christopher Columbus, the guy who discovered America just so the show could be held in Spencer last night.

A knock out of a number was the boxing match between Kill-em Quick James Dunlap and Kid Maegher, the human sledge hammer. Major Joe Clark, the survivor of seven or eight wars, none domestic, the possessor of the world's most pungent pipe and the longest, refereed the contest which proved a draw, the decision being redered by an almost even applause given the up-raised hands of the contestants at the close of the second round.

Clyde Gardner, ably assisted by Enoch Noel, and long legged Norman Fender, crooned and banjoed his way into the hearts of the audience amid Norman's clowning and rythmic dancing. Norman interrupted Clyde who was doing some hot warbling by coming down the aisle yelling at the top of his voice: Wuxtra, Wuxtra, all about the Big Murder! Before Norman was through he was on the stage and going through his paces which proved that he was a real Ding Dong Daddy from Dumas.

The Romona Speed boys, including Ethridge, Noel Frye and Weddle went over in good shape and Don Franklin, accompanied by his better half, rivaled the late Caruso by singing something about a lost rib and Mammy's Little Coal Black Rose. Don has a good voice and sings with enthusiasm. One of the most laughable stunts of the evening was a tableau on how the Romona boys go grape picking. Von Schmaltz dressed as a combined Robin Hood and Sheriff Herschell Powell plucked a neat bunch of grapes with a cap shot gun. It was learned later by the World snooper that the grapes were released from their native position by a magnate which ceased to mag when the power was shut off at the shot of the gun. Rollin Cassida, he's big enough to know better, rocked the house with laughter when he appeared in rompers, mothered by no less charming a person than Pallis (Pedad) Childers.

For fear he wasn't giving his audience the money's worth, Harley

(Continued on Page 29)


*Watch the Successful*

If you wish to attain success, then profit by the example of the successful. This holds good no matter what the success you may desire.

If it is financial success, then watch those who have made money and follow their example. Do wealthy people secrete their money in old tin cans or bury it in the cellar? They do not. They keep their money in a Bank and pay by check. We invite you to open an account at our Bank.

4 PER CENT INTEREST PAID ON TIME DEPOSITS

**PEOPLES STATE BANK**

ELLETTSVILLE, INDIANA

# Orange County Court House : : Orlando, Florida

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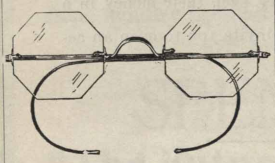

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# Rafaelita—A Story of the Rockies

[WRITTEN for QUARRIES and MILLS]

ABOUT forty miles west of the little city of Trinidad in the southern part of Colorado, away up amid the fastnesses of the Rockies is a natural wonder that can scarcely be surpassed by anything yet known to man. The famous falls of Niagara or Yosemite do not excite more interest and astonishment, for they are but the results or effect of forces far from super-natural and mysterious. But this wonder of which we write defies the most eminent scientist or geologist to explain its origin, and all we know is there it is and there it will remain until the "heavens are rolled up as a scroll and the elements melt with fervent heat."

It is a mighty stone wall with broken joints and symmetrical architecture similar to the work of man, and yet 'tis plain to see that those ponderous stones could never have been placed to such heights by the puny hand of mortal man and we at once conclude that 'twas done by the omnific arm of God when he tossed the mountains into their places and said to the seas: "Thus far and no farther shall thou come."

This wonder wall begins over in New Mexico, traverses the country in a northerly direction for more than 200 miles and is almost as symmetrically built as man could do it. It is from 100 to 300 feet high, about forty feet at the base and tapering to about ten feet at the top. It stands out on level ground, sometimes hugging the mountains, and then across valleys, startling the beholder with the thought that "thus far and no farther," and indeed there is no going beyond were it not that there is an abrupt gap in the wall about 200 feet wide as if made to permit the waters of the rushing little river Las Animas to pass on its way to the plains. The Chinese wall, though longer, is not more wonderful, as it is only about thirty feet high.

Why was this wall placed in the Rockies? Ask its maker, God.

A short distance from this gap in the wall, nestled amid the eternal hills, is a beautiful lakelet whose crystal waters are seldom disturbed by the storms of this world. In the long ago it was the favorite resort of the wily Indians, whose swift canoes oft sped through its limpid waters. Later on when the Indians had sought other climes, and the Mexican had taken his place, this lake became the resort of this dusky race.

Near the center of this lovely lake is another natural wonder; a shaft of stone rises out of the water to a height of perhaps forty feet, very much resembling a monument; indeed, it is so much like one that today the body of water is known far and near as "Monument Lake." Tradition tells us that this monument is of recent origin, for only a few generations back nothing of the kind was there. This lake is the scene of our story, and listen while I tell you of Rafaelita, the lovely Mexican senorita and the legend of Monument Lake.

Many years ago when this country belonged to our sister republic, Mexico, long before the irrepressible American had intruded into their peaceful homes, no signs of habitation were seen except here and there a Mexican plaza with its church and a few dozen adobe dwellings.

As you go west from Trinidad to (Continued on Page 23)

THE BLOOMINGTON NATIONAL BANK BLOOMINGTON, IND.

**For... Investment**

MORE and more Bloomington people are considering their Savings Accounts at the Bloomington National Bank as good investments.

Deposits in such accounts are safe, bear liberal interest and are always available when required.

The BLOOMINGTON NATIONAL BANK

MEMBER FEDERAL RESERVE SYSTEM

STONE WROVGHT BY THE MASTER-HAND

INGALLS
STONE COMPANY
BEDFORD INDIANA

# Heltonville Limestone Company

BEDFORD, INDIANA

FINEST GRADE
**Indiana Limestone**

Excellent Workmanship
. . . . Prompt Delivery

Plant Office: BLOOMINGTON, IND. Chicago Office: TRIBUNE TOWER

MONON
STONE COMPANY

FRANKLIN T. BRODIX : President

**Quarrymen and Cut Stone Contractors**

INDIANA OOLITIC LIMESTONE

The Carl Furst Company

**Cut Stone Contractors and Quarrymen . . . . .**

**Indiana Limestone**

BEDFORD : INDIANA

# *Electricity* Makes Housework a Dignified Job

No longer is there any need for mothers to be slaves to their housework.

The successful mother puts first things first—she does not give to sweeping the time that belongs to her children. *An electric vacuum cleaner operates for less than 2 cents an hour.*

She does not give to washing the time that she owes to leisure and cultural interests. *An electric washer operates for only 3 cents an hour.*

The successful mother, in fact, delegates every fatiguing household task to the tireless efficiency of electrical servants. For electricity performs these routine duties at a price infinitely cheaper than the heavy toll of old methods in frayed nerves and poor health.

**INTERSTATE**
**Public SERVICE Company**

Serving 285 progressive Indiana communities with electric gas, water or transportation facilities.

# Rafaelita—A Story of the Rockies

(Continued from Page 19)

the stonewall country you pass up a beautiful valley, down which the gay little Animas river goes rushing, leaping, plunging on its gleeful way to the plains.

As this stream is the home of the "speckled beauties" and the valley agriculturally rich and productive, it is small wonder that each half dozen miles reveals a plaza with its few score happy Mexicans. It was the custom then, and indeed you find it so today, that when a death occurred, the body was carried to the cemetery a few miles away and, when the pallbearers became tired they would rest the coffin on some convenient stone. This stop was noted by the relatives of the deceased, and a little mound of boulders, in the center of which a small wooden cross was placed, was afterwards erected by the friends, always reminding them that "This spot is sacred and here my loved one rested on the way to the grave."

In this pleasant valley of the Rockies a few miles from the silvery waters of the placid lake, in a dwelling somewhat neater than the surrounding abodes, dwelt a noble looking Mexican named Castellanos, and his wife, Conchita whose beauty and amiability surpassed all those around, and whom he loved with all the ardor of his being. Two years after their marriage a beautiful child was born unto them, a daughter, who partook of the lovely character of her beautiful mother.

So with his loving wife and prattling child and quiet home Castellanos knew naught of care or sorrow. Every day they would wander o'er the hills, catch the sportive trout in the icy stream or sail on the waters of the placid lake. At night when the moon was flooding hill and dale with light Castellanos would take up his guitar and play such music and sing such accompanying songs as no one in all the country had heard before, and when the voice of the lovely Conchita, aided by her lovelier daughter, would join in the harmony, many would draw near to listen, the lofty pines would seem to stop their rustling, the clouds would sail more gently in the sky, and the river which ran close to their home made a softer murmur in sympathy.

Thus years passed away and Castellanos, despite the fiery restlessness of his Castilian blood, was peacefully content. Conchita and Rafaelita like ministering angels went from house to house visiting the sick, relieving the distressed and comforting those in sorrow, until the Mexicans worshipped them only a little less than the Virgin Mary.

But life is not always full of sunshine or happiness, and even this quiet home proved no exception, for one day when Castellanos had gone beyond the Spanish Peaks, whose snow capped summits stood like giant sentinels but a few miles away, Conchita and Rafaelita wandered up the banks of the river until they came to the gap in the mighty stone wall.

At the suggestion of Rafaelita they climbed to the top of the wall the better to admire the beautiful scenery that spread out before them. For hours they gazed in admiration and

(Continued on Page 26)


# The Bloomington Baking Co.

APPRECIATES THE PATRONAGE OF THE EMPLOYEES IN THE STONE INDUSTRY AND RECOMMENDS

## MILK MAID BREAD

AS THE MOST HEALTHFUL AND STRENGTHENING BREAD ON THE MARKET.

PREPARED UNDER THE MOST APPROVED FORMULAS AND SANITARY CONDITIONS.

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# W. F. MEYERS C

## Largest Manufacturers of Diam

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## Complete Service on

### Fabrication of Stone

One of the most vital features of the fabrication of stone is the Diamond saw. Before the invention and introduction of the Diamond saw, the mallet and chisel were the "Tools" used chiefly in fabrication. The process was slow and expensive. Those methods when compared with the efficiency of to-day seem crude. With the introduction of the Diamond saw, production stepped up, with reduced cost of fabrication. The W. F. Meyers Company are pioneers in Diamond saw and Tooth industry. After patiently experimenting for 40 years, we have perfected a saw that is thoroughly accurate, rapid and in every way satisfactory. We are the largest producers of Diamond saws in the world, and our record of increasing volume of business is the best evidence that our product is proving satisfactory.

**THE WORLD IS OUR TERRITORY** -:- -:- -:-

# COMPANY, Inc.

Diamond Tool Dressers

## amond Saw Teeth in the World

Bedford Plant, 1008 13th Street, Bedford, Indiana

W. F. Meyers Company, Bedford, Indiana
Gentlemen: Attention: Mr. Victor A. T. Albright

In acknowledgment and response to your recent letter requesting an expression from us relative to your "DIAMOND SAW TEETH," and especially as regards their use in connection with the Scottish Rite Temple, as you know we have been users of your products for a great many years and we can assure you that we have always found your product up to the highest standard of workmanship and material and the service which you are rendering leaves little to be desired.

Concerning the Scottish Rite Temple at Indianapolis, your diamond saw teeth, both splints and solid diamond rip teeth were used to cut every foot of stone in the building.

We take this opportunity for complimenting and congratulating you on the quality of your product and the progressiveness of your company.

Yours very truly, MATTHEWS BROTHERS CO.
G. H. Barrett, Vice President.

## n Saws and Blades

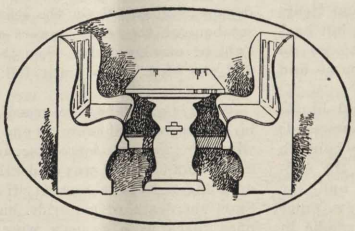
### The Scottish Rite Cathedral

Just now the most prominent structure claiming attention of the public is the Scottish Rite Temple at Indianapolis, which was dedicated September 20th. Every piece of stone in this marvelous 20th century triumph of architectural beauty required the utmost accuracy. The stone is of the highest grade—too valuable to stand loss. It gives us pleasure to point to the fact that our saws and teeth were used by the Matthews Brothers Company in the fabrication of the stone used in this magnificent structure, at their splendid plant at Ellettsville. The above letter from the company is self explanatory, and duly appreciated by us.

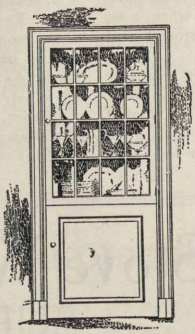
## OUR PRODUCT THE HIGHEST STANDARD

Dining Alcove Set C-6600

*You need a space only 64 to 72 inches wide and 54 inches deep for this beautiful set. The table and seats are on metal buttons for moving.*



# Move them in like Furniture!



Corner Cupboard C-6504

*Only 28½ inches along each wall are necessary to install this beautiful corner cupboard.*

*These designs of Curtis Cabinetwork can be put in any house or apartment . . . new or old . . . and at very little expense.*

EITHER of these pieces of Curtis Cabinetwork might have been taken bodily out of some old Colonial house . . . because their designs are based upon the best architectural traditions.

And these modern reproductions by Curtis are unsurpassed in materials or workmanship by even the most expensive furniture . . . Yet the prices are amazingly low.

The designs come unpainted so that you can paint, lacquer, enamel, stain, wax or oil them to suit your decorative scheme. Or we will install and finish them for you at slight additional cost.

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Associated Lumbermen of Lumber and Fuel Dealers of America

Associated Lumbermen of Lumber and Fuel Dealers of America — Certified Material — MEMBER

# Romona Follies a Great Hit at Spencer

(Continued from Page 17)

Campbell entertained with the deep sea film, "Submarine" and a comic and a newsreel. If he had given them any more it would have struck midnight before the folks got home. Both Mr. Campbell and Mr. Ingalls are to be congratulated on the fine program.

One of the high spots of the show was a group of pictures taken at the Romona quarry and shown on the screen by Mr. Campbell accompanied by a clever line of chatter spoken on the stage by Mr. Campbell through a loud speaker. The speaking had all the evidence of a talking picture and it went over big.

Mr. Campbell's remarks concerning the men in the pictures were as follows:

This is a picture of Bid Henderson, known to all the girls as Claudie. The literature in his left hand is a flock of work orders. Everybody likes Bid but are not so crazy about the work orders. Bid is also chief of the bailing wire gang, and is a very popular fellow.

Ed Thacker, better known as Old Ed, Track supervisor and general utility man. Ed makes a better appearance in his knickers when he is headed for Bedford but Ed's wife says she would rather he would wear the overalls.

The tape and splice gang. Little Frank, better known as Pig, is an expert short circuit chaser, Frank's side line is selling and demonstrating soap. Anytime that Pig is not working he's fixing up his pony hack. Both are very popular fellows.

The quarry buggy and crew. Old Lard and Didie, better known as Gib Horn and Dittemore. These boys spend most of their time joy-riding down to the stacking yard and back and are well liked by everyone. They also like their job.

This division of the bailing wire gang is composed of Shorty, Scotty, Rile and Hank, and they can build anything in their blacksmith shop from a tin cup to a silo. Scotty is always trying to make a hit as you will notice he has his hammer with him. The blacksmith shop is always a busy place and they are all fine fellows.

The goat and part of her stripping buddies. Left to right: Roy Marrow, in charge of air-drill department; Don Chavis, handle pusher of the Marion No. 37; Steve Stevenson, who uses dynamite to make little ones out of big ones; Harvey L., himself, who has quarried more stone at Jones Store in Oolitic than any other man on earth. The man in the doorway of the engine, who is trying to look human happens to be William Gilbert Callahan, proprietor and general manager of the Pottersville Buckbrush Nusery. The last man on the right is Handsome Joe Wilson, master of the goat. When dressed up, Joe is known among the ladies as Joie and swears he has never been kissed.

Old Pete, the official company dog, who is not only shot-shy but camera shy also. In fact he is so shy that Bid had to hold him while he was looking pleasant for the photographer.

The guy behind the smile is old Snake-eye, taking his daily sun bath, the most cussed and discussed man at the quarry, especially when he makes a mistake or the time sheet. If he ever learns to use more than two fingers on his typewriter he will set it on fire.

The man with the young saxaphone is none other than fighting Joe Clark, a survivor of all the wars and who is always ready to assist widows to get compensations. When you see smoke over the Ingalls quarry you will know that Joe has the old stink bucket going.

James Capshaw, better known as Jimmie D. Jimmie gets out more stone and makes less noise than any boss that ever had charge of the Romona quarry. Jimmie doesn't smile all the time but he had this one on the day before the Ingalls picnic at Bedford and told me he was thinking about the fried chicken and ice cream. Jimmie is a very likable fel-

(Continued on Page 32)

The Bedford National Bank

BEDFORD, INDIANA

W. A. Brown, Pres. W. E. Clark, V.-Pres.
R. C. Sowder, Cashier

*Directors:*

W. A. Brown Wm. F. Brooks
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ROYAL CORD, PEERLESS AND USCO CORD TIRES—ALL UNITED STATES MADE

Diehl Richardson

VULCANIZING BATTERY SERVICE

# Rafaelita—A Story of the Rockies

(Continued from Page 27)

make my brain run wild, and by the powers of the Virgin Mary it will if this thing is not stopped. Listen, Rafaelita! Have I not told you time and again that you must not receive attention from any man—that no man is worthy to step between Castellanos and his daughter—and yet what have you done? I go away; a stranger comes. He looks upon my daughter, and would take her from me. You accept his attentions and wander o'er the hills together and sail over the lake and even the silvery moonlight falls upon you wandering miles away from home. Is this true, Rafaelita? Speak, unworthy child, for I can scarcely restrain my hand from a deed of violence."

"Peace, Father, and let me reply. I am yet your worthy daughter and have faithfully served thee since dear mother's death. Nor will I forsake thee now. Yes, what you have said is partly true. Romero and I have met and that to love. Stop, dear Father, and let me continue. His love is as pure as that of the Virgin Mary!"

"Love him!" thundered the angry Mexican, "and you dare to confess this to me—your father! Listen, Rafaelita!" (and he became the more excited and a strange light beamed in his eyes.) "Although I love you as I love my soul, yet by the powers that made these mountains I tell thee now, this thing shall cease! And mind you, Senorita, if ever again I see you and that Mexican dog together, it were better had yonder mountain fallen upon you and crushed you out of existence."

"But Father, dear———"

"Hush, unworthy child! Castellanos has spoken! I leave this place for a time and remember the words I have uttered." Grasping his gun he rushed out into the hills and disappeared from view.

Rafaelita threw herself upon her couch and wept bitterly, bemoaning the mental condition of her father and her own fate. Then in bitter sorrow, she sought Romero, telling him her troubles and advising him to leave the plaza, lest violence overtake them at the same time expressing her undying love.

So it was agreed that Romero should leave for his Western home and Rafaelita should accompany him as far as Silver Lake. While they slowly journeyed on their way Romero held her little hand in his and his voice fell softly and sadly on her ear.

"Rafaelita, dearest! I go to my home that is far away but surely I will return! For your father will yet relent and take us to his arms. More precious to me than aught else on the wide earth is thy love, darling; let not its flower fade but keep it fresh and pure as now till I come again."

Finally they came to the hill overlooking the lake and climbed to the spot where they first met. For hours they sat and the sun shone brightly in the heavens and the birds filled the air with joyous music and they seemed to be in an Elysium of happiness. At last they sought the lake to take one more ride upon its crystal waters. They seated themselves in a little boat and a few strokes of the oars in the strong hands of Romero sent it far out on its shining surface. A shout from the shore attracted their attention. Turning their heads they saw standing at the water's edge, Castellanos, gun in hand, looking the personification of evil, and these words rang out over the lake.

"Rafaelita, traitorous child! Romero, Mexican dog, die both!"

Instantly the gun came to his shoulder; for a moment its barrel glistened in the sunlight, then a puff of smoke and a loud report broke the stillness of the hills and the leaden messenger of death sped over the waters. Romero saw that the precious form of Rafaelita was exposed to harm and quickly threw himself in


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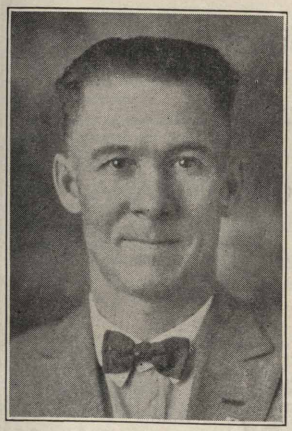

Member Indiana Society of Engineers and Society of Architects
American Federated Society of Engineers

OFFICE IN HEITGER BUILDING

BEDFORD———INDIANA

the way, receiving the bullet in his own bosom. For a moment only he grasped the oars, a shiver went over his manly form and gently he fell back into the arms of Rafaelita.

In vain did she try to sooth his pain and with pitying words cheer him in his woe. A few words he spoke: "Rafaelita, sweetest of maidens, here our journey ends. God willed not that I should be with thee on earth. My life is ebbing fast but 'tis sweet to die in thine embrace. Weep not, sweet maid; we shall meet again in yon bright land which is never trodden by the feet of night. 'Tis growing dark, Buenas Noches, mia cara." And his pure spirit had stepped out into realms of everlasting light.

For several moments Rafaelita covered his face with kisses, tears like rain fell upon his countenance, and calling upon him with endearing terms she cried:

"Romero, bravest and best, dost thou know me? I am the same Rafaelita thou did'st woo on the hills so near, and art thine through life and till death. O speak to me, Romero, or I cannot live!"

Then seeming to realize the awful situation and without changing her position, a glory as of the land celestial was shed upon her face, her eyes glistened with the light of undying love and shriek after shriek rang out over the hills; then with the words; "Romero, my life, my all, I'll meet thee now. I come, I come!" her head dropped upon her bosom and her pure spirit left its earthly tenement to join that of her lover in the land of the blest. The frail heart could not stand the test. A meciful God loosed the silver cord.

During this time the little boat with its lifeless burden drifted out to the center of the lake and then rested on a hidden rock just 'neath the surface.

The shades of night had gathered and the stars came out in the sky, the fading sun had darkened the heavens, the birds were silent in the groves, the trees bowed their heads in sorrow, and mighty and terrible was the grief of those simple Mexicans as they bore the lifeless forms of the lovers to the plaza, and on the morrow a sorrowing throng placed their bodies together in a common grave. United in life and not separated by death.

A short time after this tragedy some Mexicans passing near the lake were astonished to see standing out in the water where the little boat had

(Continued on Page 32)

The 8 million a day say what people think of Coca-Cola

Drink Coca-Cola Delicious and Refreshing

8 MILLION a day

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IT HAD TO BE GOOD TO GET WHERE IT IS

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# LANGLADE NATIONAL BANK, Antigo, Wis.

Select Gray Stone, Harding & Cogswell, Cut Stone Contractors, Ellettsville, Indiana

## Rafaelita, Story of the Rockies

Continued from Page 31

rested with its faithful lovers, a tall shaft resembling a monument, and they said it was placed there by the hand of God commemorating the death of Romero and Rafaelita, hence ever afterwards that body of water was called Monument Lake.

As you travel the road to Stonewall you will notice twin mounds of stone, each holding a little cross, on one the name "Romero," the other "Rafaelita," showing that "here the loved ones rested."

But what of Castellanos? His mind gave way beneath sorrow for Conchita and hence he was not responsible for the death of the lovers. Immediately after he fired the fatal shot he disappeared as if by magic and no one knew where he had gone. A few days after the funeral some Mexicans passing the stone wall saw an old man sitting with bowed head upon its summit. Observing closely they recognized Castellanos. For some time he sat thus, and then arising from his seat he lifted his head and hands toward heaven, and exclaiming in Spanish, "Romero, Rafaelita! Dios perdona!" he leaped from the wall and fell a mangled corpse at its base.

* * * * *

## Romona Follies at Spencer

(Continued from Page 29)

low and makes friends wherever he goes.

The next and last picture is one of a young fellow whom everyone knows and likes. I intended to take a picture of him from the rear and let you guess who it was but at the last moment we found out that the seat of his pants was out as usual, so we were compelled to take the picture from in front. Now, folks, we want you to meet the prince of good fellows, Bob Ingalls.

* * * * *

I. T. Strickland, of Alva, Okla., a newspaper subscription agent, has written 7,000 biographical sketches during his house-to-house travels.

* * * * *

A first-class battleship carries in stock some 38,500 different commodities, ranging from anchors weighing eight tons to tiny screws.

* * * * *

No woman minds having her soups criticized, but she won't stand for any remarks about her salads.

## Gleanings from Field of Science

(Continued from Page 15)

says, a person should be able to count 1,000 heartbeats before releasing the air.

* * * * *

### Photo Letters Sent In a Minute by Radio

Imagine a six-hundred-word letter traveling to a destination a thousand miles away in one minute! This is said to have been made possible through a new radiophoto apparatus invented by Dr. Valdimir Zworykin, of the Research Laboratories of the Westinghouse Electric and Manufacturing Co., East Pittsburgh, Pa. In one minute it can send a facsimile letter of 630 words, and will transmit a complete photograph in the same length of time.

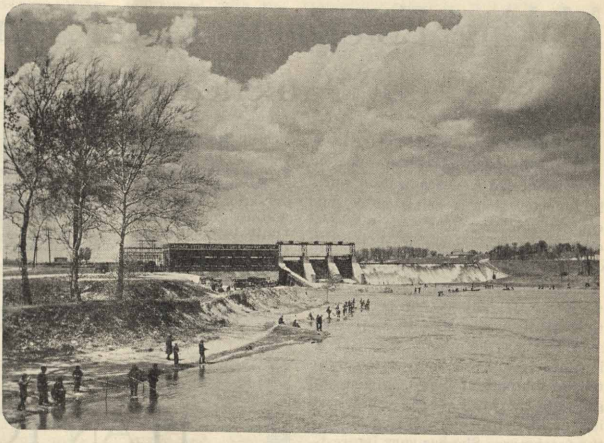
An ordinary photograph or manuscript is placed on the cylinder of Dr. Zworykin's transmitting apparatus. As this cylinder rotates slowly, and at the same time moves forward longitudinally, a beam of light plays over the photograph, or message, whose patches of light and shadow are reflected by a system of mirrors to a photo-electric cell. This cell gives out electrical impulses corresponding in intensity to the light that reaches it. These impulses are highly amplified and sent out in the form of radio waves.

* * * * *

### Tusks of 4,000 Elephants Supply Billiard Balls

The tusks of 4,000 elephants are needed each year to supply the world with billiard balls, which cannot be made from any substance except ivory. Most of the material, gathered from dead elephants found in jungles and on feeding grounds, is sent to London, whence it is reshipped to Hamburg, Germany, the world's chief ivory market.

* * * * *



A view of the Norway Dam of the Indiana Hydro-Electric Power Company near Monticello, Indiana.

## Lawrence Co. Products Show

(Continued from Page 11)

interest improves their capabilities. Women get many ideas and suggestions from each other. Everyone who gives close attention to good exhibits of any kind gets new ideas and information.

The merchants and auto dealers make displays and by this method bring to the public more information regarding their mercandise and the auto which they sell. This enables them to make closer contacts with the buying public and to establish better understandings and relationships between the dealers and the buying public.

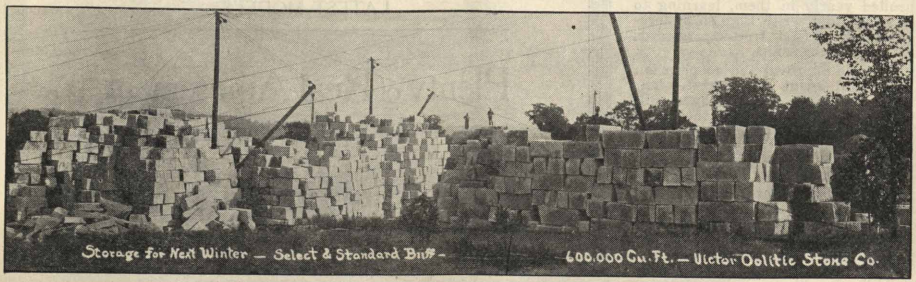
The Officers and Committees feel that very liberal awards are being offered for exhibits, and that the responsibility for the success of the show rests largely with the citizens of the County whose response with exhibits and displays will be necessary. An appeal is being made to everyone in the county to help make this years show the best that it has ever been and the best that it is possible for them to make it.

* * * * *

Called to the home of Bob Wilbur, Roy Pierce and Hugh Warden, policemen at Kirksville, Mo., found a neighbor's pet monkey in the Wilbur corn patch. Astonished, they saw the monkey seize cornstalks, break them with ease, husk the shuck with speed that would put a champion corn-husker to shame.

* * * * *

Kansas established a $40,000 fund for dry law enforcement. Now $10,000 of it has been spent, but the state has collected $12,000 in fines.



# Making Foreigners Loyal American Citizens by Americanizing Industries

PERHAPS not very much is known by the average person about the Americanization work in Industry that is going on in this country, and yet many persons are engaged in it, and the work is well organized.

One Monroe county woman, that we know of is devoting her entire time in the work, Miss Gaye Harris, and there may be others. Miss Harris is supported in the work by the Baptist denomination. She has been engaged in the work several years, and is now in California, working among the foreigners. She has very interesting experiences, and we hope in an early future number of Quarries and Mills to present a story by her.

In a recent number of the National Republic Miss Lila J. Neves, Supervisor of Americanization at New Bedford, Massachusettes, gives a story, which will be read with interest, a part of which we reproduce below:

New Bedford, Massachusettes, has an enviable reputation for Americanization classes in industry. Experts in and out of the state have gone on record with high praise for the accomplishments in this admittedly difficult field. Prof. John J. Mahoney of Harvard and Boston Universities, who formerly held the position of state supervisor of Adult alien education work in Massachusettes, has said "New Bedford is the finest example of what can be done with Americanization classes in industry that there is in the United States."

For several years this work has been successfully carried on in the old "whaling city" of New Bedford which is today one of the leading textile centers of the country. During the past six years so-called Americanization classes have been conducted in sixteen of New Bedford's cotton mills. About eight hundred men and women from foreign lands have been enrolled yearly in them, learning to talk, read and write English and receiving their first training towards American citizenship.

With the approval and cooperation of the mill agent or superintendent the supervisor is escorted by a mill official to each overseer in the plant. The overseer calls into the office in his room eight or ten employees, as many as can be spared at one time from their work. The supervisor who speaks Portuguese and French, and who has, in case of need, full time teachers who speak Polish and Italian, tells the group before her, in their own language, that English and citizenship classes are to be opened at the mill. In other words, she tries to sell "school" to these new Americans. Then and there each one of the group is questioned and, if desirous of becoming a pupil, is tested in conversation and reading, is "graded," and assigned to the proper class. Definite instruction is given also as to the time and place the class will meet.

From room to room, from overseer to overseer, the supervisor is conducted until she has interviewed every foreign-born person employed in the plant, inviting and urging them to join the classes. When one realizes that most of the mills in New Bedford employ at least one thousand operators this type of recruit-

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THE
Lawrence County
Farm Products Show
OCTOBER 9, 10, 11, 12

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You will want to see the displays by Bedford Merchants, and the big Auto Show.

15 DEALERS 60 NEW CARS
LATEST MODELS

Plenty of Real Amusement
DAY AND NIGHT

Come Early and Stay Late

ing goes very quickly. The supervisor after telling her story usually picks out the most interested listener in the group before her saying, "I know you want to come to the school, don't you?" The employe usually responds with, "Sure! I want to learn English," probably a little flatered to think he was signaled out. If the first employe approached in a group says "Yes" the rest of the group usually catch the spirit and the whole group signs up for school.

This type of recruiting has many advantages the supervisor registers and grades pupils at the same meeting. She gets acquainted with the overseers and they catch from her enthusiasm for the work. She also often directs men and women who cannot attend the mill classes to classes in evening school, giving them a brief note of introduction to the principal.

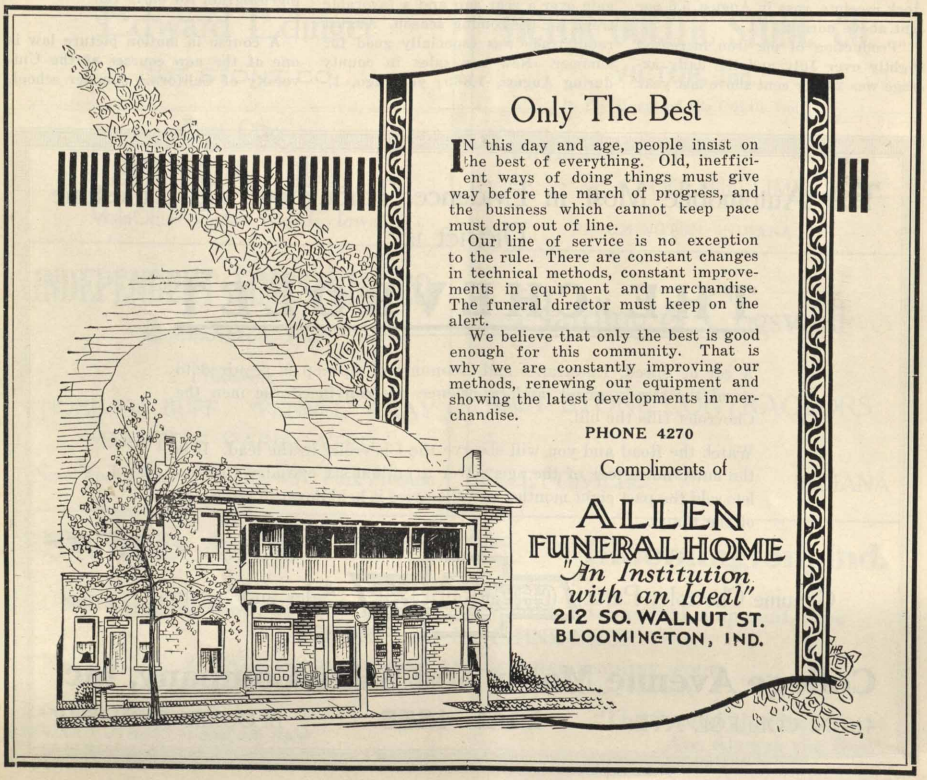
These mill classes meet for instruction two days each week during the noon hour. In most cases the classes meet in some part of the room in which the pupils are employed. This saves time and is of great benefit to the teachers who have an opportunity to see their pupils at work, to follow up attendance more readily and to become better acquainted with the overseer whose support she must have if the class is to be successful.

Teachers are required to check up on attendance and if a teacher loses her class, under normal conditions, she is suspended and will not be given another class. Overseers have and do cooperate in this but New Bedford teachers of factory classes have been told "not to bother the overseers" that "good lessons well prepared and well taught" are the best means of holding attendance and that the responsibility for holding their classes is squarely up to them.

This is the type of factory class by which New Bedford earned her reputation as a leader in Americanization classes in industry. The splendid cooperation of mill officials; the earnest, conscientious work of the Americanization teachers; the progress of the pupils who have, because of the benefits they derived, gone out and sold "English and citizenship classes" to their families and friends, have caused this sort of Americanization work to grow and increase year after year; but the developments of 1927 and 1928 are still another story.

New Bedford is now tackling the greatest project in this type of educational work that has yet been attempted in the United States. In 1925 one of the leading tire manufacturers of Akron, Ohio, established a tire fabric mill in New Bedford. Americanization classes were in operation in the mill that was taken over. Our classes met in an old "boiler room." Teachers and pupils were crawded about the obsolete machinery but they made the best of a very poor schoolroom. Our classes were later moved to the "attic," a small unused space on the third floor. At the end of the year the supervisor of Americanization sought out the new fabric mill superintendent to invite him to attend the closing exercises of the Americanization classes hoping to win his approval of the work by showing him what the "school in the attic" had been accomplishing. She was informed that the mill officials had been watching and, seeing the good work, had converted the old boiler room into an up-to-date school room. The work had sold itself. The following year saw splendid classes meeting in a well equipped modern school room and the work had the hearty support and encour-

(Continued on Page 38)



# Indiana Business Found Improved

AFTER an active summer, Indiana business enters the fall of the year with most lines of trade and industry above the levels of last year.

"The only important exception is building," according to Edwin J. Kunst, manager of the Indianapolis division of the Indiana university business research, in the current issue of the Indiana Business Review which is prepared by Mr. Kunst and published by the Fletcher American National bank.

The business review indicates for the coming season a good volume of consumer buying and fairly well sustained industrial activity.

The general business index, which includes a weighted average of automobile, coal, stone, electric power and pig iron production, building contract awards, bank debits and live stock receipts, rose in August 5.6 per cent above normal.

"Production of pig iron increased slightly over July and the daily average was 24 per cent above last year but steel making eased off a little," says the business review. "Output of automobiles and parts slowed up in July. Flour production was greater. Furniture industries continue their improving trend, and there was some gain in demand for musical instruments. Freight loadings rose sharply.

"Coal mines began to increase production in anticipation of fall demand. Stone quarries and mills were normally active.

"Wheat has made its mark for the year and corn is good in many localities. Tobacco, hay, and peach crops are much larger than last year. Reduced production in other crops is partly due to smaller acreage."

## Conditions in Indianapolis

With exception of building, most business indicators show considerable gain over a year ago and a favorable trend for the coming season. August retail trade was especially good for summer. New car sales in county during August, 1,869; year ago, 1,838. Bank clearings $110,912,000, a year ago $97,909,000; bank debits $217,097,000, year ago $182,135,000. Daily average electric power consumption increased 14 per cent over July and 19 per cent over a year ago. Employment in metal trades dropped 1 per cent from July, but was 10 per cent above last year. Flour production increased 62 per cent over year ago and 66 per cent over July. Freight car loadings rose to -3 per cent over last year. Live stock receipts of 243,619 compare with 207,481 a year ago. Receipts of wheat and corn in large volume boosted total grain receipts to 8,216,500 bushels; year ago, 7,012,000. Grain shipments of 5,574,000 were 23 per cent higher than last year. Building contract awards of $2,686,000 in August compare with $3,965,000 last year, and indicate a moderate building program for early fall.

* * * * *

A course in motion picture law is one of the new courses at the University of California summer school.

The Automobile Most in Evidence Throughout the Limestone District is

**THE CHEVROLET**

A car of Speed, Endurance and Economy of upkeep is required to stand the steady grind, and experience has convinced the men the Chevrolet fills the bill.

Watch the Road and you will observe the Chevrolet in the lead. It is the outstanding car of the age. Over a million six cylinder Chevrolets sold the past eight months, and the price is held down in the range of the Fours.

Genuine Chevrolet Parts CHEVROLET Sales and Service

**College Avenue Motor and Sales Company, Inc.**

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INDIANA LIMESTONE

BLOCK SAWED CUT STONE

**John A. Rowe Rustic**

MONUMENTAL WORKS

**BEDFORD, Ind.**

Stone Mantels–Carved Panels
Cemetery and Lawn Furniture
Memorials of Limestone–Statuary

BURTON E. HANSEN, MGR.

BEDFORD -:- INDIANA

**EMPIRE STONE COMPANY**

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Indiana Limestone

Main Office: Bloomington, Indiana
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BEDFORD
CUT STONE CO.

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Since '97

Edward Edinger

CUT STONE CO.

Plant Office

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**VICTOR OOLITIC STONE CO.**

**VICTOR, Ind.**

In the Heart of the Oolitic Belt

"SUPERIOR BUFF"
OOLITIC LIMESTONE

BLOOMINGTON, INDIANA

**INDEPENDENT LIMESTONE CO.**

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**SEWARD & CO.** ESTABLISHED 1821 **Bloomington, Ind.**

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**Mill Supplies, Tools, Industrial Hardware, Pumps, Pneumatic Equipment, Pipe**
**FOUNDRY and MACHINE SHOP**

BLACKSMITHING, WELDING AND GENERAL MACHINE WORK
ALSO STONE SAW AND WOOD SAW SERVICE STATION

MANUFACTURERS OF THE
SEWARD UTILITY DIAMOND SAW

"The Second Hundred Years
Are Always the Best"

The Soviet Chamber of Commerce has accepted an invitation to contribute a permanent Russian exhibition to the commercial museum of the Philadelphia Chamber of Commerce. Plans for this exhibition include a selection of raw materials and finished goods from all parts of the Soviet Union, and exhaustive statistical material about Russian internal and foreign trade. A special section will deal with the possibilities of the Soviet land for American tourists.

GLOBE
GLOW-BOY

You make no mistake when you buy a Glow-Boy Heater. Heats the floor perfectly—a strong feature in its favor unlike a basement furnace. Delivers all the heat to the rooms; none lost. Many thousand homes testify to its merits. Beautiful in appearance, Glow-Boy performs a two fold heating miracle—1. Furnace circulation power —2. Warm floors, 85 to 100 degrees.

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SERVICE—Measured not by Gold but by the Golden Rule

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DAY & CARTER
BEDFORD, INDIANA
**Funeral Directors**

Prompt Ambulance Service Lady Attendant

SPECIAL LOW PRICED POLICY
for Employees of the Mills and Quarries

**It will pay any worker of Oolitic Limestone to become acquainted with policies and plans I have to offer.**
**DISABILITY FROM ACCIDENT** — $100.00 Monthly Indemnity for Total Disability for Life. $40.00 Monthly Indemnity for Partial Disability for Two Months.
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Can write you accident policy for one year for $2.00, will pay $10,000 for loss of Life. Have all kinds of Sickness and Accident Policies.
**HORACE BLAKELY, Agent**
Office over Bloomington Hardware Store Phone 2965

WE USE IVORY SOAP EXCLUSIVELY
IDEAL LAUNDRY
Phone 6120 BLOOMINGTON, INDIANA

## Making Foreigners Loyal American Citizens

(Continued from Page 35

ing seems a Herculean task. In realagement of every official at the mill.

In the fall of 1927 two other big Akron rubber concerns, new in New Bedford, made plans to reorganize their tire fabric mills. The first mill also closed down for a short time to make necessary changes. The three tire fabric mills re-opened early in 1928. All, acting on the principle that increased efficiency and greater production involves more education for many employees, adopted the policy of employing only American citizens and applicants for first or second citizen papers. Many men and women who had lived in New Bedford twenty and thirty years took out their "first papers" saying, "I am ashamed. All these years I have lived here. I just didn't think much about it. I am glad now I am going to be a real American."

The policy of these manufacturers, summed up by one of the officials is:

"Our basic principle in industrial relations is to get the best type of labor we can find, to pay them a little better than the average wage, to make working conditions as favorable as we can, to keep the doors of opportunity open to ambitious employes who want to better themselves, and to promote an atmosphere of understanding and confidence so that our employes would feel free to come to us and discuss conditions relating to any phase of their work.

"Suspicion and distrust thrive on misunderstanding. So it was logical that we should want to keep in our employ men and women who could read, write and speak the English language, and who believed in our American institutions."

Therefore, in order to have an English-speaking corps of workers, to properly prepare their employe applicants for American citizenship, to bring about a better understanding of America, her laws, ideals and customs, in order finally to have a corps of real American employes, these three mills are in cooperation with the School Department, conducting Americanization classes for their non-citizen employes. Twelve hundred men and women ranging in ages from twenty-one to fifty-five are enrolled in seventy-four Americanization classes. Four splendid, well-equipped school rooms are in constant use. Every employe who is not an American citizen is enrolled in an Americanization class. The pupils come to school on their own time, outside of working hours. All women attend from 12:10 to 12:55, their noon hour. The day help men attend after work from 5 to 6 or 6 to 7. The men who work nights come to school for the hour just preceding the hour they are due to report for work, 4 to 5, 6 to 7, 7 to 8. Every class meets twice a week and attendance is almost perfect. In each of the three mills the official in charge

of employment and safety heads up the work.

In the tire mills this official in charge and the supervisors of Americanization worked together in the organization of the classes. They occupied tables in the school room. Each overseer presented his non-citizen group to the supervisor who tested and graded each employe in turn and told the employe when to report for class. The "official in charge" checked off each on his list and gave the supervisor all information needed concerning the prospective pupil.

When the pupils reported for school a careful check was again made and the assignments to classes was made rapidly. The teacher immediately proceeded to teach and did not have to take the pupils' time to get "personal information." All that was given to her by the supervisor after class. Reports for absence are turned in to him at the close of each class session and he checks up with the overseers and reports back to the head teacher.

The spirit in these classes is wonderful and inspiring. Many of the pupils in the advanced classes are young men and women who have attended the city day schools. Some are British subjects who talk English as well as the native-born American. These have advanced Englishwork, civics and history. In a few cases such advanced pupils were reticent about joining classes. After the supervisor asked a few difficult questions about government and they found they were unable to answer they would say, "Oh, I have forgotten, it is so long since I went to school I guess I have forgotten all I learned," and so they registered for school.

Mill officials in these plants say that the Americanization classes are the chief topic of conversation. Recently the librarian in one of the city's junior high schools telephoned the supervisor of Americanization to say one of her pupils had asked for a book so he could help his father at home. The father was a pupil in a class for literate beginners in one of the tire mills.

An illiterate had difficulty seeing and was advised to buy a pair of glasses. At the next session of the class he appeared with a fine pair of bone rimmed glasses. The supervisor complimented him on his quick action and the man said in broken English, "I am going to get my glasses Saturday. I borrowed these from a friend."

An overseer approached the supervisor recently and said, "Mary Fernandes has not learned to write her name. Every woman in my room with that exception can now sign her pay slip. I won't have an exception. Is she trying to learn or has she made up her mind she can't learn?" Naturally the supervisor assured him that Mary would learn to sign her name and she has.

A slubber tender, fifty-nine years old, who has lived in New Bedford forty-nine years is in a class of illiterate beginners. Recently when the supervisor visited the class he held up the paper on which he had written his name and said: "See, I am

(Continued on Page 40)

Anton Larson, sixty-eight, of Kodiak, Alaska, doesn't let minor obstacles get in his way. Pulling up the anchor of his boat in Kizhuyak bay, he lost his store teeth in ten fathoms of water. Larson couldn't dive in that depth. That would have stumped most people, but not Larson. He simply threw out his anchor again, pulled himself down into the water hand-over-hand, rescued his teeth, came to the surface, weighed anchor and went on his way.

FOR MILEAGE AT LOW COST NOTHING IS EQUAL TO THE

**FORD**

*Less Gas — Less Tire Cost*

**Sherwood-Chastain Auto Company**

*BIG BARGAINS IN USED CARS*

Bedford -:- Indiana

**DRAWING MATERIALS**

SUPPLIES FOR THE BLUE PRINT ROOM

AUTHORIZED JOBBERS OF

HAMILTON MANUFACTURING CO.'S Line of

**Drawing Tables and Filing Cabinets**

MANUFACTURERS OF

TRACING VELLUM and BLUE PRINT PAPER

**INDIANAPOLIS BLUE PRINT & SUPPLY CO.**

INDIANAPOLIS INDIANA

WRITE FOR SAMPLE BOOK AND DISCOUNTS

**Smith Tire and Auto Supplies**

Successor to Medlam & Ranard

Corner Seventh and College BLOOMINGTON, INDIANA

Quarry Employee's Trade Given Special Attention

PRICES UNIFORMLY LOW—SAVE MONEY BUYING HERE

BEST 35c DINNER IN BEDFORD

AT

**Hall's Coffee Shop**

**819 EAST 16th STREET**

First Door East of J. C. Penny Store BEDFORD, INDIANA

# Making Foreigners Loyal American Citizens

(Continued from Page 39)

learning. Isn't it a disgrace that I have lived all these years without ever trying to learn to write my name? My boy is at college. In five months he will be a doctor. He does not know I am going to school. He will be so pleased when he finds I have learned to write my name."

One evening the employment agent at one of the tire mills heard someone whistling for him outside his office window. It was one of the employe pupils. He had come to the mill early to say, "I like school but I am not satisfied with two nights of school each week. May I go to school all four nights that classes meet?" Needless to say he was advised to go to school the four nights and the employment manager praised and encouraged him to keep up his good work. Time and again pupils ask if they can attend other classes in addition to the mill classes.

The following paragraphs taken from an address given recently at graduation exercises of the citizenship classes will give a good idea of just how employes are appreciating the interest in their welfare that employers are taking. Mr. Joseph Sylvia, the writer of this article, attended the citizenship class at one of the tire fabric mills all last year. He is employed in the card room of the mill.

"It is not so many years ago that we all came across the big pond to come to the land of opportunity. When we got here we found that all we had heard of this country was true—that we may have the same opportunities as the American-born. What have we given this country for what it has given us? We have become good, loyal and faithful citizens.

"Now we all know of the different colonies that can be found throughout the country, the French, the Portuguese, the Polish and all other nations. Why band together? Their native tongue binds them together. It is most essential that these people should learn the American language. It not only gives a great feeling of friendship between employer and employe but also helps all to live better in this wonderful land, America.

It certainly is fine to be able to go right up and speak to our foreman without having to ask someone else to speak for us as we did when we just came here.

"Let us stop and think. Is there any other country that takes as much interest in their foreign friends as this country does? It is surprising as in my own case, for example. I attended public school here but it certainly did refreshen my mind the same as it would the American-born. The policy of the tire mills has surely been a great help to these people who are thinking of citizenship. All that these people needed was a little encouragement or 'push' as it is sometimes called. Let me illustrate. In my own department I know a man sixty-eight years old who because he attended school at Devon last year is able to sign his name. Not only that but he can also read and write some in English and nothing in his native language. Let the new citizens give their fellow countryman that encouragement.

"I cannot tell you how I felt when I left the superior court on that morning that I became a full-fledged citizen. Words cannot express that feeling. I knew I had received the rights of a native citizen."

In this work of Americanization classes in industry the mills provide the schoolroom and equipment, tables, chairs and blackboards. They give perfect cooperation. The school department provides teachers and school utensils, books, paper, pencils. Every Americanization teacher in New Bedford holds a state certificate for having successfully completed a course in immigrant education. Most of these teachers are day school teachers or former day school teachers who married and therefore resigned from the day school corps. The commonwealth of Massachusettes gives reimbursement to the extent of one half of the expense for carrying on this work.

This splendid development in fac-

(Continued on Page 41)


## ANNOUNCEMENT

## The Indianapolis Oolitic Stone Co.

Located one mile east of Stinesville, Indiana

In this publication last month the statement was made that this property would be sold some time in October. The time has not been definitely set. The plant will be sold

## Some Time Within the Next 60 Days

WELL EQUIPPED MILL OF

**Four Gangs, Four Planers and Diamond Saws**

**GOOD BUFF QUARRY**

Valuable Property for Some Practical Stone Man
Exact date of sale will be given later

ADDRESS

**A. R. Marley, Receiver** **Gosport, Indiana**

VIRGIL W. ROTRUCK

As a CANDIDATE

FOR

COUNCILMAN-AT-LARGE

For the City of Bloomington

AT THE COMING ELECTION

Tuesday, November 5th, 1929

I wish to assure the Quarry and Mill Operators and Employees, and the Public generally, that I will greatly appreciate their support at the election and if elected will put forth my best efforts to fill the place with credit to the city and to myself.

Sincerely,

VIRGIL W. ROTRUCK


## Making Foreigners Loyal American Citizens

tory Americanization classes in New Bedford is made possible through the heartiest support and cooperation of city and state departments of education in cooperation with the finest type of American mill officials in the interest of making the best possible Americans out of these new Americans who, in turn, appreciate deeply and profit greatly through the opportunities being offered them to become better acquainted with our American language, our customs and our ideals.

* * * * *

## Ledge, Drafting Room, Quarries and Mills

(Continued from Page 12)

force going. The C. A. Pike Company has a fine record for first class work and always on time. Many of the best buildings in Bloomington show the handiwork of this firm.

* * * * *

## Hoadley Mill Items

Fred Heitger has been taking his vacation.

Mr. and Mrs. Dale Tomey have moved into their new home on Wylie Street, Bloomington.

Clarence Hester, draftsman of the Hoadley office, is now working in Detroit.

All who attended the picnic reported that they had a very good time.

* * * * *

## Red Cross Accomplishments Theme of State Meetings

Washington, D. C., Sept. 11.—The value of Red Cross accomplishments from the economic or business man's point of view will be the central theme of four Red Cross regional meetings to be held in Indiana, beginning with Evansville on September 23. There will be a meeting at East Chicago on September 25, at Huntington on the following day, and at Indianapolis on October 2.

The Evansville conference on the twenty-third is held in the Shrine building. In view of the participation of neighboring Kentucky chapters, U. H. Pargny, chairman of the Henderson, Ky., chapter, presides at the morning session, whose program includes Rabbi Skirball, Dr. Harper of Evansville College, Miss Alida Bigelow, Marion Rust, and Everett Dix, who comes from the national Red Cross headquarters. Frank R. Wilson, local Red Cross chairman, the Rev. W. H. Wylie of Vincennes, C. M. East of the Gibson County chapter, Edward M. Smith of the Daviess County, Ky., chapter, and Dr. Thomas E. Green, national director of the Red Cross speakers' bureau, feature the luncheon meeting. The afternoon session is devoted to disaster preparedness and general problems.

The East Chicago conference on the twenty-fifth will take place in the Elks Club. On the platform will appear Marvin J. Schmitt of Crown Point, presiding officer, the Rev. D. S. Sharpe of Indiana Harbor, Miss Edna Grimes of Elkhart, Miss Myra Van Nostrand, Red Cross field representative, and Everett Dix.

A feature of the East Chicago meeting will be a Junior Red Cross concurrent session under Miss Maude Lewis of the national staff at Washington.

The Huntington meeting on the twenty-first, with delegates from 18 chapters in northeastern Indiana attending, will likewise be accompanied by a Junior session under Miss Lewis. On the program are the Rev. H. N. Newsom of Huntington, Hale Brad-

(Continued on Page 44)

# Veteran Monon Railway Conductors

(Continued from Page 7)

exact, but its meaning is there. Anyway, it makes no difference about its wording, for the sentiment has been often revamped by those who have sought to impress the public with their own diction to suit their particular purpose.

In view of the fact that individual careers are as much in the making of many splendid records as are those men who represent bigger business interests, it gives the Quarries and Mills, pleasure to make mention of Conductor M. C. Hackett, who has been a factor as an outstanding figure in railroad affairs several generations.

The subject of this sketch is a passenger Conductor running a train on the Chicago, Indianapolis and Louisville railroad—"Monon Route," and is too well and favorably known to the traveling public throughout the state of Indiana, to need any introduction.

Captain Hackett, is one of the oldest Conductors employed on the C. I. and L. railroad—he has a seniority dating back more than fifty years, and where with steadfastness, fidelity, faithfulness and unswerving loyalty has worked more than a half century serving the traveling public. By reason of his ingratiating personality, his affable and friendly disposition, his easy and courteous manner, his polite and yet positive way of meeting and greeting his train passengers, and all others with whom he comes in contact in a business way has made of him a general favorite, which increases his popularity as a passenger conductor, and his railroad officials are very proud of him. Perhaps, because of his long service and his good nature, he enjoys a more extensive acquaintance with a broader popularity than any other conductor in the state of Indiana.

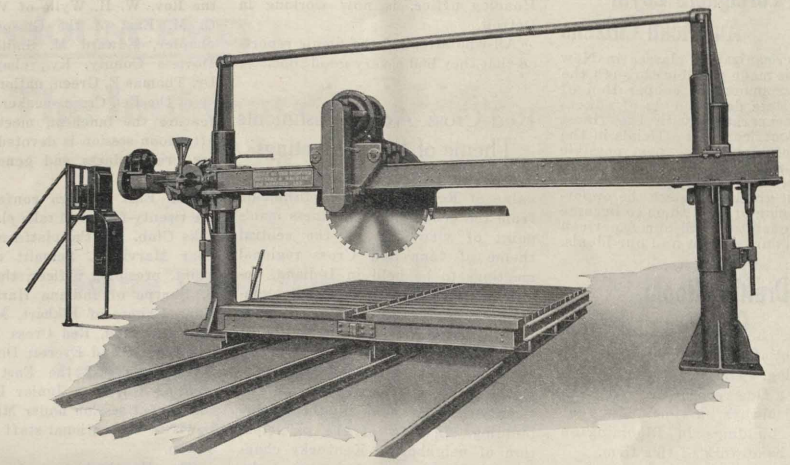
As evidence of how he is esteemed by his superiors for character, reputation and qualification he received several letters felicitating him when he had reached the fifty years service period.

I hope I am not violating a confidence when I quote from a letter which his president, Mr. H. R. Kurrie, wrote him upon that auspicious occasion, and which Captain Hackett, says he cherishes as the most memorable and happiest event of his life.

In part President Kurrie said: "On account of the long and close personal friendship that has existed between us, it gives me particular pleasure to tell you that on the second day of April, this year, you completed fifty years of continuous service with this company. This indeed, is a fine record, and one in which you will take just and pardonable pride. I have known of your keen loyalty to the Monon, and of the fine service you have given, and, I take great pride in your loyalty and fine record, not only officially, but personally, and in recognition of this unbroken period of service for a half century, I present to you the Company's fifty-year Service Medal. Keep it and hand it down. You will find it to be a shelter in time of storm, and an evidence of service and loyalty in which your children and your grand children will take great pride etc."

Captain Hackett says that he prizes President Kurrie's letter more than all things else in the world except his charming and thoughtful wife whom he says "keeps his uniform well pressed and creased and his buttons and badge shined and polished." She not only wants him to be a good conductor, but she insists he "must appear the handsomest conductor on the railroad, as his many years have placed no penalty upon his good looks." This "jaunty old knight of the punch," is yet hale and hearty, and is still in the service, and his voice can be heard every day calling out "all aboard," and saying "tickets please," on the accommodation train running


DIAMOND AND CARBORUNDUM SAW



Double Steel Truck Arranged to be Coupled Together. Power Raising and Lowering.

Frame Provided for 12-foot Rip.

**Sturdy—Economical—Built to Last**

EQUIP YOUR PLANT WITH BEDFORD MACHINERY.

BEDFORD FOUNDRY & MACHINE CO., BEDFORD, IND.

between Louisville, Ky., and Bloomington, Indiana.

While the Captain is inclined to reticence, if you can get him in the mood to talk, it is a liberal education to listen while he discusses men and measures. He delights to revert back to long ago, when the "Louisville, New Albany and Chicago railroad," was known as a unit for industrial enterprise to the world of commerce, and says when his road's name was changed to "Chicago, Indianapolis and Louisville railroad," it was a long time before he felt like he was at home.

He loves to dwell upon the ideal of sympathy and cooperation that has always prevailed on the "Monon" between the officials and subordinate employees as he says: "Each realizes that their interests in one another redounds to their mutual profit and welfare and enhances the best interest for the management." It is indeed interesting to hear him tell how he has witnessed the expansion and progress made both on the part of the company and its employees, and the many changes made since he first began railroading, when the old-time drawheads, with pin and link couplings were in use. Also the old time camel-back, funnel shaped, smoke stack, and wood burning engines.

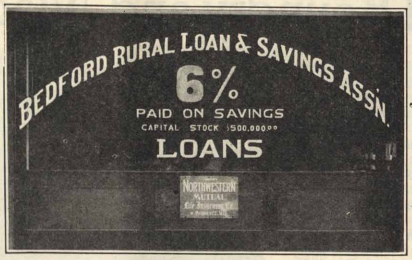
He loves to grow reminiscent and imagine that he can see the faces of his old friends long ago gone, and delights to recall to memory those comrades who shared with him the struggles of his morning years railroading. Says it has been a long trip since he commenced railroading to ge where he is now, registered in the book of experience. Captain Hackett's home is 1800 Rutherford Avenue, Louisville, Kentucky.

* * * * *

The Lanz Lumber Company, corner 14th and J Streets, Bedford, is one of Lawrence counties largest and most reliable institutions. The President of the company, Mr. Charles W. Lanz, is one of the best known business men of the county, and is not only popular as a business man, but politically has the confidence and support of the county. Geo. W. Lanz is Vice-President, Harvey W. Lanz, Treasurer, and Mary E. Lanz, Secretary. They carry all kinds of lumber and building material, and by their liberal plan they make it possible for you to build.

* * * * *

The Crowe Furniture Company has just added another store to their holdings, and are now in full charge of the store at Bloomington, known as the Bloomington Furniture Company. With large stores at Bedford, Bloomington and Oolitic, Mr. Crowe is in a position to buy in mass quantities, which places him in a position to sell at very low figures. For years this establishment has maintained a record for quality goods at low prices and this record is being fully sustained. Extra fine display for Fair week.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Front Room Masonic Temple, Bedford, Indiana

YOU'LL BE OUT-OF-DATE within a year without an 8. Extra gear shifting won't give a six cylinder car the smoothness and flexibility of a Studebaker Straight Eight.

Dictator 8 Sedan - $1235.00 F. O. B. Factory
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THE SHOW PLACE OF LAWRENCE COUNTY

**INDIANA THEATRE**

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"The Stone City"

COVERED VANS

# Bedford Foundry and Machine Company

An institution of vital importance to Bedford and the stone industry of Lawrence and Monroe counties is the Bedford Foundry and Machine Company.

This Foundry was started in a small way by Mr. E. A. Sohn, over 20 years ago, and has grown to be the largest manufacturer of stone working machinery in the state, and most likely in the United States. It is now incorporated, with E. A. Sohn, President, Leo. B. Sohn, Vice-President, and General Manager, and Fred E. Pitman, Secretary. More than a large city block is occupyied by the foundry and machine shop, there being over 100,000 square feet of floor space. The pay roll runs over $400,000 per year, and the number of employees normally is more than 250. The volume of business done annually by the firm reaches above $1,000,000, the output extending to all parts of the United States, Canada, Mexico, Cuba, France, Russia and the Hawaiian Islands.

The officers of the company believe firmly in the slogan, "satisfied customers are the ones that last," and it is their policy to carry this idea out to the letter. It is a well known fact that the products of the Bedford Foundry and Machine Company, are always dependable and prove satisfactory. A tour through the stone belt developes the fact that the greater percentage of machinery in use

Exterior of the Bedford Foundry and Machine Co., Bedford, Indiana

is the product of this firm. Their 110 foot derricks are rapidly taking the place of shorter ones, the r cranes give perfect satisfaction, and their planers are favorites with the men.

One of the most useful machines, and one that aids much in maximum production, is their power raising and lowering diamond saw frame. To watch this machine in operation shows its wonderful utility in rapid production, giving the diamond saw a large advantage over the old system. As the diamond saw is one of the most valuable machines in preparing stone for the builders' use, this method of operating a saw cannot be over estimated. This machine is the out growth of experimentation by the large corps of engineers of the firm, and the stone operators may always depend on the Bedford Foundry and Machine Company, to develop and place on the market the newest and most valuable machines.

The attention of contractors throughout the country is called to the fact that the volume of steel structural production of the firm is growing rapidly, and meeting with the highest approval of builders. The large corps of engineers will go into details promptly with any prospective special work.

Make your wants known, always remembering that you are dealing with a capable, honest firm that believes in the Golden Rule.

## Statement of Ownership

Statement of the ownership, management, circulation, etc., required by the act of congress of August 24, 1912, of Quarries and Mills, published monthly at Ellettsville, Indiana, for October, 1929.

State of Indiana, County of Monroe, ss.

Before me, a Notary Public in and for the State and county aforesaid, personally appeared W. B. Harris, Sr., who, having been duly sworn according to law, deposes and says that he is the editor of the Quarries and Mills and that the following is, to the best of his knowledge and belief, a true statement of the ownership, management (and if a daily paper, the circulation), etc., of the aforesaid publication for the date shown in the above caption, required by the Act of August 24, 1912, embodied in section 411, Postal Laws and Regulations, printed on the reverse of this form, to wit:

1. That the names and addresses of the publisher, editor, managing editor, and business managers are: Publishers, W. B. Harris & Son, Ellettsville, Indiana; Editor, Managing Editor and Business Managers, W. B. Harris, Sr., Ellettsville, Indiana.

2. That the owner is: W. B. Harris & Son, sole owners.

3. That the known bondholders, mortgages, and other security holders owning or holding 1 per cent or more of total amount of bonds, mortgages, or other securities are: No bond holders.

4. That the two paragraphs next above, giving the names of the owners, stockholders, and security holders, if any, contain not only the list of stockholders and security holders as they appear upon the books of the company but also, in cases where the stockholder or security holder appears upon the books of the company as trustee or in any other fiduciary relation, the name of the person or corporation for whom such trustee is acting, is given; also that the said two paragraphs contain statements embracing affiant's full knowledge and belief as to the circumstances and conditions under which stockholders and security holders who do not appear upon the books of the company as trustees, hold stock and securities in a capacity other than that of a bona fide owner; and this affiant has no reason to believe that any other person, association, or corporation has any interest direct or indirect in the said stock, bonds, or other securities than as so stated by him.

5. That the average number of copies of each issue of this publication sold or distributed, through the mails or otherwise, to paid subscribers during the six months preceding the date shown above is (This in formation is required from daily publications only.)

W. B. HARRIS, Sr.,

Sworn to and subscribed before me this 1st day of October, 1929.

FLOYD C. BROWN,

My commission expires Sept. 18, 1930

* * * * *

The Schloot-Dougherty Furniture Company, now located in their splendid new building, 1022 15th street, Bedford, extends a very cordial invitation to you to visit their store, and inspect their attractive display of furniture, handsome living room, and bed room suites, overstuffed goods, etc. Meet your friends here during the Bedford Fair next week.

* * * * *

## Red Cross Accomplishments

(Continued from Page 41)

ley, chairman of the Huntington Red Cross chapter, Max Potts of Huntington, Mr. Motsinger of the Grant County Chapter, Miss Van Nostrand, Mr. Dix and Dr. Green.

The largest meeting in the state takes place at the Columbia Club, Indianapolis, on October 2, with delegates from 40 chapters.

# Thrift Gives Opportunity for Self-Advancement

By S. W. STRAUS, President American Society for Thrift

"I have an excellent opportunity to go into business for myself but I cannot take advantage of this because I do not have enough money saved up to use as my share of the initial capital."

How often such expressions as this are heard. The world seems full of opportunities but it is usually the thrifty who can take advantage of them. A few hundred dollars laid away in the bank or safely invested often has meant the turning point in the life of many a man or woman.

One of the greatest values in saving money lies in the fact that our savings often constitute opportunities for enlarged activities and more successful employment of our time. Disraeli said, "The greatest secret of success in life is to be ready when your opportunity comes."

To those who are drifting along from day to day without getting ahead and apparently are making no effort to do so, this advice should come with special force.

Money should not be saved merely with the object of being ready for some great opportunity in life, but we should not forget that without saving and getting ahead there will never be opportunity for any material progress.

It also is to be borne in mind that opportunities for great self-advancement often come to those who, because of their thrifty habits, have gained the good will and confidence of some person who is in a position greatly to advance their interests.

* * * * *

## Chevrolet Leads Them All

A million Chevrolet sixes made and sold in the past eight months speaks so loud that the entire world has heard the report, and as a result the buying public is using the good judgment to learn more of the real merits of this machine, with nothing in the auto family reaping the phenomenal sales of the Chevrolet right now.

If you will go with us some of these days on the rounds of the quarries and mills, and "count the noses" of the thousands of machines parked about the plants, you will learn that the Chevrolet is rapidly assuming the lead. The quarry boys know.

The Chevrolet is not too heavy to go anywhere, and its motor is strong enough and reliable enough to always get you there on time. The machine looks like a real auto, and is, and the price is not high either. The steady daily grind over the hills and hollows is the severest test a machine can be put to, and the experience of the quarry and mill men is that for endurance, light up keep, and economy of operation nothing so far placed on the market is equal to the Chevrolet.

And, its not only the "quarry boys," who are recognizing the Chevrolet as the leader. The number of Chevrolets "on the road," shows their popularity. It is built on lines for real power, speed, economy, and attractive appearance, at reasonable price.

Call on the College Avenue Motor and Sales Company for demonstration and terms.

* * * * *

When you go to the Bedford Fair next week don't fail to call at Jackson & Elston's Furniture store and examine their wonderful heater, the Globe Glow-Boy. It is considered the greatest invention of the age as a perfect house warmer. Will heat the floors to 85 to 100 degrees in a few minutes. Call and learn of the merits and price of the Glow-Boy.

"CROWES SELL IT FOR LESS"

Furniture, Rugs, Stoves, Radios

YOU should see our 3-Piece Overstuffed Suite. Beautiful Jacquard Velour, kiln-dried frame, thoroughly processed filling, built by the most skillful builders.

Genuine **Kroehler** Made only

**$129.50**

3 Pieces—Easy Terms

We are Agents for the
ATWATER KENT RADIOS
Join Our Christmas Club, Easy Terms.

CROWES

THREE STORES

Bedford Oolitic Bloomington

WHEN YOU THINK OF

INSURANCE

IN ANY FORM THINK OF

Walls & Walls

HODGE & WALLS
BUILDING

BEDFORD, INDIANA

REPAIRING
WELDING

WILLARD BATTERIES
UNITED STATES TIRES

WAGNER GARAGE

Phone 91

OOLITIC - INDIANA

WRECKER SERVICE
COMPLETE BRAKE SERVICE

RAYBESTOS AND FERODO
BRAKE LINING
OILS AND GREASE

"EVERYTHING for the HOME"

Miller Furniture Company

Maytag Sales and Service

In Lawrence, Washington, Crawford, Hancock
Clark and Scott Counties

OOLITIC INDIANA

ARNEY BROTHERS

Shoes, Furnishings and
General Merchandise

OOLITIC INDIANA

D. WATSON

OOLITIC, IND.

General Merchandise, Dry Goods and
Notions and Ready-to-Wear

STAR BRAND SHOES ARE BETTER

# Oolitic

We are introducing an Oolitic Section in Quarries and Mills in the belief that it will prove interesting to our readers, and perhaps be of some benefit to the city.

We recognize that Oolitic is a beautiful, prosperous city of around 2,000 people, situated right in the heart of the Oolitic Limestone belt, surrounded by the greatest quarries in the world, and true to its surroundings bears the fitting name of Oolitic.

The city is located on the Dixie Highway, about three miles north of Bedford, and contains pretty homes and well built business blocks, with a pervading appearance and atmosphere of happy, industrious well housed and well fed people, with fine school, lodge and religious advantages.

For years Oolitic has maintained a record far and wide that it was unsafe for speeders to cut any capers through town. Hon. John D. Williams, former State Highway Director, once told the writer that he "never stepped on the gas" when he was going through his old home county town.

Next month we shall have this Department well represented with "Shop Notes" of the mills and quarries.

In this number we are presenting advertisements from eight of the leading firms of the city.

**The Wagner Garage**
**Williams Furniture Company**
**Arney Bros., General Merchandise**
**D. Watson, General Merchandise**
**L. A. Smallwood, Drugs**
**Luckett Pharmacy**
**The Jay C. Stores**
**Oolitic Oil Company**

The Wagner Garage is one of the substantial fixtures of Oolitic. The men in charge are high class mechanics and any and every thing entrusted to their care is handled promptly and satisfactorily. They are well equipped for welding and general repair work, wrecker service, etc. They carry a complete line of United States tires, oils, grease, Raybestos and Ferodo brake lining, Willard battery service, etc. They have a record for good square dealing, and will appreciate your business.

One of the largest and most complete lines of merchandise in Oolitic, or Lawrence county, is the store of Miller Furniture Company. Their slogan, "Everything for the Home," carries the whole story for the store practically embraces everything needed to set up housekeeping. A very complete line of furniture, rugs, linoleums, china, glassware, electric supplies, stoves, ranges, window shades, wall paper, sewing machines, Edisons, Maytags, etc. You won't go

# Section

wrong when you place your orders with the Miller Company.

The Arney Brothers, dealers in general merchandise, stand in the front rank of the business enterprises of Oolitic. They have a record as square shooters, and as the result of their splendid standing for fair dealing, they are enjoying a fine trade. A strong feature of their business is to place on their shelves standard goods, and with such a policy there can be but one result—satisfied customers and satisfied customers means a continuation of their trade. High grade merchandise and a reasonable profit is their winning policy.

D. Watson's big double department store is one of the most popular trading centers of Oolitic, and Lawrence county, his trade extending to a wide territory, among the farmers and the quarrymen alike. He carries a general line of dry goods, and notions, and the ready-to-wear department of his store is very large and embraces a full line of garments of the moderate and higher prices. His line of Star brand shoes is complete, and the prices will be found right. Full line of groceries at low prices.

L. A. Smallwood's drug store is one of the neatest and best arranged stores in Lawrence county, and a general atmosphere of prosperity and good will is apparent. The slogan, "you always feel at home at Smallwood's," is by no means paradoxical, for the visitor feels a welcome that is genuine. The store has a standing of 20 years of prosperity, and continues to serve the community well. Complete fountain service is a popular feature of the store.

The Luckett Pharmacy, located on the Dixie and Greyhound Lines, takes great pride in selecting only such articles of merchandise for sale as they know to be standard and high class, and with this a prominent feature of the store, you have every assurance that what you buy at Luckett's is the best the market affords. "The drug store with Quality and Service," means a lot, but the record bears out the statement, and a large and increasing business is the result.

The Jay C. Store, at Oolitic, is one of several stores of this company. The system has been serving the public for 66 years, and the fact that their large buying power places goods on the shelves at the lowest possible prices, makes The Jay C. a very attractive place to buy groceries. A feature of the store is quick service at a lower price, and all are invited to drop in and test out this statement.

"Once–Always," that's the way the King Brothers, Ellsworth and E. W., at the Oolitic Oil Station say it, and a lot of folks believe the statement, for the business just keeps climbing —getting bigger every day. The Kings are jovial jolly fellows, make friends and hold them–that's the why of their fine business. The products that they handle are standard, and everything considered, you are at the right place when you stop at the station of the Oolitic Oil Company.

ESTABLISHED 1910

L. A. Smallwood
DRUGGIST

Complete Fountain Service

OOLITIC - INDIANA

"You always feel at home at Smallwoods"

Luckett Pharmacy
THE DRUG STORE with QUALITY and SERVICE

In the Heart of
The Limestone District

ON THE DIXIE GRAYHOUND LINES

The Jay C. Stores
OOLITIC, INDIANA

For 66 Years Better Quality
Lower Price

WE APPRECIATE YOUR BUSINESS

ELLSWORTH KING E. W. KING

Oolitic Oil Co.
INCORPORATED

CITIES SERVICE OILS and
GASOLINE

Once——Always

## Twenty-Three Patents Issued

Indiana inventors last week were granted twenty-three patents by the United States Patent Office, according to satistics compiled by Clarence A. O'Brien, Washington patent attorney. The grants, which were distributed generally through the state, represent a wide diversity of inventive genius.

The list follows: Robert H. Hassler, Indianapolis, masaging device; Charles R. Moon, Muncie, feed and discharge mechanism for presses; Reinhardt H. Brown, LaPorte, child's collapsible carriage; Frederick M. Crapo, Muncie process of making protected metal; Edward C. Newcomb and Edward O. Reynolds, South Bend, braking mechanism; Robert F. Kohr, South Bend, brake mechanism; Morton Murphy, Rushville oven toaster; George L. Van Dinter and Conrad Ferrettie, Mishawaka, form-fitting boot style and manufacture; Frank W. Andrews, Fort Wayne, piston; William J. Behlmer, Batesville, window construction; Alonzo E. Billger, Indianapolis, valve reamer; Paul Roe Jordan, Indianapolis, exhaust ventilator; Emmett A. Saunders, South Bend, quick-operating fastener; George Joseph Thomas, South Bend, brake shoe; William E. Urschel Valparaiso, bean harvester; Harry E. Norviel, Anderson, switch device; Ira H. Derby and Kenneth R. Davis, Indianapolis, method of purification of hydro-carbons; Charles R. Butler, Indianapolis, microadjusting device; William C. Rastetter, Fort Wayne, folding chair; John M. Coulter, Frankfort, sink and porcelain device for kitchen cabinets and kitchen units; Boyd S. Niccum, Liberty, network; Frank B. Eilers, Fort Wayne, liquid-dispensing apparatus; Agustus F. Wasmuth, Huntington, cabinet-door hinge.

* * * * *

The Hoosier Hardware Company, north side square, Bloomington, is having phenominal sales on the Philco Radio. The company has established a fine rest room above their store, where constant demonstrations of this wonderful radio are given, and the public generally are using the room as a place of rest, enjoying at the same time reports on baseball, the best best music of the day, and various interesting programs.

There is nothing on the market like the Philco. It produces the clearest and most beautiful tone of any radio on the market. This beautiful, satisfying feature of the Philco is accounted for by reason of the perfectly balanced units. The chassis are mounted in beautiful cabinets, which constitute one of the handsomest pieces of furniture in the house. And the price is not at all high either.

Being the largest Radio dealers in Monroe county or Southern Indiana, the Hoosier Hardware Company buys in large quantities, and is willing to pass the advantage of this mass buying to the public. The coming winter is Radio time, and you are especially invited to call and investigate our proposition to supply you with the best on the market.

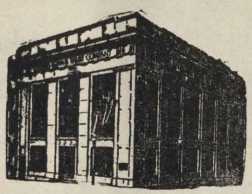
* * * * *

Business at the W. F. Meyers diamond saw works is running along nicely with an extra run of business.

The fact that the stone business in the oolitic field is going strong gives greater demand for supplies, with practically added impetus to all classes of business in the field. The Meyers saw is so well known in the oolitic stone belt, and in fact throughout the entire country, that there is seldom a slack time in the out put of their product. The company is the pioneer in the diamond saw business, and their saws are recognized throughout the world as leaders. Although the Meyers saw is of the very highest standard, yet Mr. Albright, president and manager of the plant, and a capable corps of engineers are constantly at work with the view, if possible, to make improvements and add anything possible to produce a saw with greater productive ability, and at the same time hold the cost down. The company is fully maintaining its high record, and the constantly increasing volume of business is the natural result.

* * * * *

In this issue of Quarries and Mills you will find the advertisement of the Bedford Rural Loan & Savings Association. This is an old reliable institution, officered by men of highest standing in Lawrence county.

An Honor Bank

THE HONOR BANK in the United States is a bank that has won a leading position by its soundness and strength—when profits have not been distributed to stockholders but set aside in Surplus for the protection of depositors in an amount equal to the Capital.

**Capital - - $150,000**

**Surplus - - 150,000**

Citizens Loan & Trust Company

BLOOMINGTON, INDIANA

ADAMS & BUNGER

111 W. 7th Street BLOOMINGTON, INDIANA

PHONE 5724——TERMS CASH

**Auto Top Builders and Furniture Upholsterers**

Seat Covers to Order—Woodwork Done on Enclosed Cars

HARNESS BUILT AND REPAIRED

# AUTOMATIC TRAIN STOP

## LATEST TRAVEL SAFETY DEVICE

### *Monon Route First and Only Line Between Indianapolis and Chicago to Install This Marvelous Safety System*

Automatic Train Stop, the latest travel safety device, has been installed and is now in operation on the MONON ROUTE over its entire line between Indianapolis and Chicago.

This device, electrical in operation, is installed in track and engine, and is synchronized with the Automatic Block Signals. It endows the Automatic Block Signal with power to enforce its commands. Heretofore, the Automatic Block Signal, sometimes called the "silent sentinel," has had power only to warn the engineman. Now it has power not only to warn him but actually to stop him. Should the engineman fail to see and obey the warning signals, the Automatic Block Signal, with the new power conferred on it by Automatic Train Stop, takes the control of the train out of the engineman's hands and stops it.

With this latest safety system in constant operation, you ride secure in the knowledge that the possibility of human error no longer constitutes an element of risk in travel.

This latest safety system is for the protection of our patrons. It is the result of over twenty years of extended research on Automatic Train Control. It protects the train upon which you are traveling on the darkest night or in the thickest fog. It helps to bring it in on schedule time. It is also of benefit to shippers and buyers, especially in the transportation of perishables, live stock and valuable merchandise.

Although both the Automatic Block Signal System and the Automatic Train Stop System have been installed between Indianapolis and Chicago at a large expense, not a penny has been added to the railroad fare nor to the cost of freight shipments.

The introduction of these marvelous safety systems is typical of the MONON's progressive policy to give to its patrons the best that is available.

When you travel between Indianapolis and Chicago, do as most people do—travel on the

**MONON ROUTE**

CHICAGO, INDIANAPOLIS & LOUISVILLE RY.

Scottish Rite Cathedral,
Indianapolis, Indiana
Indiana Limestone
finished and furnished by
Matthews Brothers Co.

# ---character

How significant, indeed, was the choice of Indiana Limestone for the new Scottish Rite Cathedral of Indianapolis. The tenets of Masonry and the qualities of stone each typify genuiness—Character.

We acknowledge pride in citing this edifice as indicative of the character of our ability to fabricate Indiana Limestone for some of the Nation's noteworthy architecture.

## MATTHEWS BROTHERS COMPANY

18 PIONEERS 62

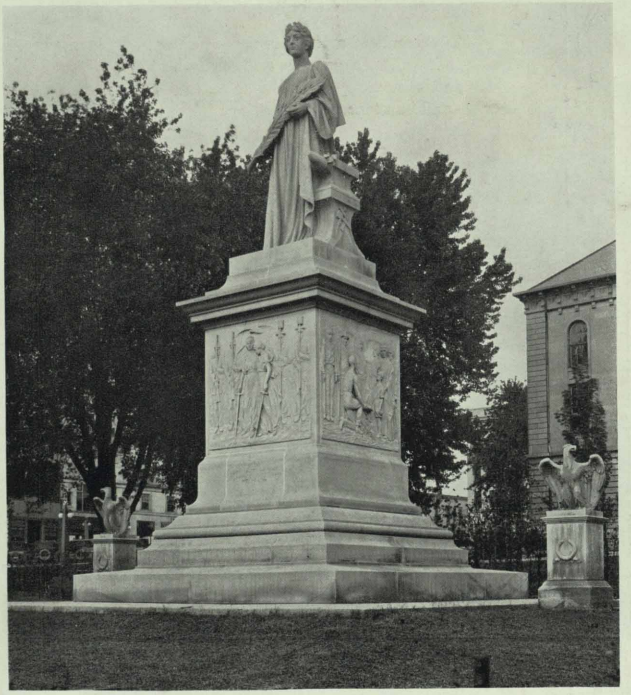
BLOOMINGTON, INDIANA

INDIANA STATE LIBRARY

# Quarries and Mills

## INDIANA OOLITIC LIMESTONE INDUSTRY

—PUBLISHED MONTHLY—



To the Soldiers, Sailors and Pioneers of Lawrence County, Indiana.

Moses F. Dunn
1923

Erected on Courthouse Lawn, Bedford, Indiana

Courtesy Long's Studio of Photography

Select Buff Stone from the Quarries of Indiana Limestone Company

VOLUME ONE
NUMBER FIVE

NOVEMBER
Nineteen Hundred Twenty-Nine

$1.00 PER YEAR
10 cents PER COPY

I 62222

# *your opportunity*

"Everybody likes a house of stone."

In spite of the known truth of this statement from Ladies' Home Journal and tens of thousands of dollars spent in advertising, Indiana Limestone has not been even considered for one house in a thousand.

Though keen observers believe that the amount of stone used in private residences could be made as great as that used in all public buildings and though this use of stone is increasing rapidly, the percentage is still almost negligible.

Thousands of architects and builders come to the district annually to inspect the quarries and mills and to visit French Lick. Bedford and Bloomington should be an exhibit of beautiful homes of Indiana Limestone.

Make an estimate of what it would mean to you to have the payroll of the stone industry doubled. Include in this estimate the effect of this increased payroll on other businesses as well as on the stone industry. Can you afford to miss an opportunity to help make such an increase a reality?

In this district homes can be faced with Indiana Limestone at an average cost, over a period of years, little, if any more than that of brick or even wood and the greater sale value and pride of possession will much more than compensate for any slight increase.

Banks, apartment houses, schools, churches, and public buildings of all types are now almost invariably built of Indiana Limestone. We believe that the time will come when the same statement will apply to homes. Why not build for the future? Though the first cost is a little more the maintenance cost will be much less.

## .....think it over!

*General Offices:* BEDFORD, INDIANA

*Executive Offices:* TRIBUNE TOWER, CHICAGO

*The* NATION'S BUILDING STONE

# Directory - Quarries-Mills, Indiana Limestone District

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F. E. Bryan, General Vice President, Chicago
T. J. Vernia, General Vice President, Chicago
W. R. Martin, Asst. Sec. and Resident Counsel, Bedford
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L. P. Corey, Compt. and Chief of Acct. Dept., Bedford
C. J. Black, Purchasing Agent, Bedford
QUARRY DEPARTMENT
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M. V. McClellan, Assistant Vice President, Bedford
George B. Reed, Assistant V. President, Bloomington
CUT STONE DEPARTMENT
Gustave Stieglitz, Vice President in Charge
L. E. Donaldson, Asst. V. Pres. in Charge of Con. Rel.
John MacMillan, Asst. V. Pres. and Production Mgr.
Glen Carter, Superintendent of Gr. No. 1 Mills, Bedford
C. L. McNutt, Supt. of Group No. 2 Mills, Bedford
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A. B. Thompson, Supt. of Gr. No. 4 Mills, Bloomington
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Clarence T. Drayer, Asst. to the Sales Mgr., Bedford
H. S. Brightly, Director, Architects' Ser. Bur., Bedford
SAFETY AND LABOR DEPARTMENT
Fred E. Hatfield, Director, Bedford
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Wm. A. French, Mgr. Employment Bur. Bloomington

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Bloomington, Indiana, Box 2
C. T. Hagan, President C. J. Hagan, Vice Pres.
Charles McHenry, Superintendent

**MONON STONE COMPANY**
Plant Office, Bloomington, Indiana
Chicago Office: Tribune Tower
Franklin T. Brodix, Pres. Samuel J. Fagan, V. P.
Howard F. Fagan, General Superintendent

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Ralph and Robert Woolery, Superintendents

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Pierce Dodds, Superintendent

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Office: Bloomington, Indiana; Telephone: 4436
B. G. Hoadley, Pres. John A. Hoadley, Sec.-Treas.
B. G. Hoadley, General Manager

**EMPIRE STONE COMPANY**
Bloomington, Indiana
Frank E. Matthews, President and General Manager

**ALEXANDER KING STONE COMPANY**
Quarrymen and Cut Stone Contractors—Bloomington
Alexander King, President and General Manager
Arthur H. Earle, Superintendent

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Bedford, Indiana
J. P. Falt, Pres. Jerome W. Falt, V. Pres. and Mgr.

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P. O. Box 31; Bloomington, Indiana
James Walker, President Owen Walker, V. Pres.
W. B. Hoadley, Secretary and Treasurer

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P.O. Box 65, Bloomington Quarries and Mill, Victor
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W. A. Bollman, Sec.-Treas. F. A. Brooks, Sales Mgr.
C. R. Taylor, Superintendent

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G. H. Barrett, Vice President and General Manager
Harry Gale, Supt. Ed. Wickens, Foreman St. Cut.
Chas. H. May, For. Planers J. H. Matson, For. Gangs

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Vick E. Faulkner, Superintendent

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Bedford, Indiana
Theodore C. Pentzer, Pres. Arthur T. Hughes, V. P
George E. Lary, Sec.-Trs. Grover C. Bowden, Supt.

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D. K. Miers, Secretary, Bloomington, Indiana
Wm. Hubbard, Sales Manager, Bloomington, Indiana
Offices:
915 Chamber of Commerce Building, Cincinnati, Ohio
Ralph C. Correll
Room 636, 228 North LaSalle Street, Chicago, Illinois
Hubert L. Beck
411 Construction Industries Building, Dallas, Texas
Gilbert D. Dust
1058 Maccabee Bldg., Detroit, Mich., Glenn H. Burch
Rm. 602, 535 5th Ave., New York, N. Y., M. J. Morgan
Builders Exchange Bldg., 1104 Bay St., Toronto, Ont.
Wm. R. Brown
No. 7 West 68th Street, Terrace, Kansas City, Missouri
Geo. W. McMillan
Miss Elizabeth Ferguson, Adv. Mgr., Bloomington, Ind.
Fred Beck, Supt. Quarry Dept., Bloomington, Indiana
Kenneth Cline, Mgr. Cut Stone Dep., Bloomington, Ind.
Roy Mulholland, Chief Draftsman, Bloomington, Ind.
Sam Beaumont, Supt. Maple Hill, Bloomington, Ind.
Richard Kelley, Supt. Kelley Quarry, Bloomington, Ind.
Bert Sciscoe, Supt. Johnson Quarry, Smithville, Ind.
Raymont Deckard, Supt. Johnson Mill, Bloomington
Grover Shields, Supt. Maple Hill Mill, Bloomington
Herschel Neal, Supt. Cline Mill, Bloomington, Indiana
Theodore Skinner, Supt. Skinner Mill, Bloomington
B. P. Crowe, Special Representative, Bloomington
C. H. Owens, Connected with Sales Dept., Bloomington

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S. M. Harris, Vice President
Fred Baugh, Chief Draftsman
Fred Lee, Supt. Cutters Cort Welch, Supt. Planers

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Plant Office: Stinesville, Indiana; Main Office: New Citizen's Bank Building, Indianapolis, Indana
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H. M. Liibs, Superintendent
Ervin Stevens, Chief Draftsman and Estimator
Frank Churchill, Quarry Foreman
Berneice Stevens, Mill Foreman

**SARE-HOADLEY STONE COMPANY**
Bloomington, Indiana
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T. J. Sare, V. Pres. Albert Hoadley, Sec.-Treas.

**HOADLEY BROTHERS STONE COMPANY**
Bloomington, Indiana
John W. Hoadley, President and General Manager
W. B. Hoadley, V. Pres. Albert Hoadley, Sec.-Treas.

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Bedford, Indiana
Carl Furst, Pres. Philip C. Furst, V. Pres. & Treas.
Wilbur V. Glover, Sec. Glen C. Frank, Supt.

**EDWARD EDINGER COMPANY**
Plant Office: Bedford, Indiana; Box 37
Main Office: Cedar Rapids, Iowa
Edward Edinger, President
O. F. Brown, Superintendent of Mill

**HELTONVILLE LIMESTONE COMPANY**
Bedford, Indiana
C. D. Donato, President A. R. Wallis, Vice Pres.

**BEDFORD STONE VENEER COMPANY**
EMBREE & MITCHELL
Office: Bedford, Indiana

**SWENSON STONE COMPANY**
Office: Bloomington, Indiana
Quarry and Mill: Stinesville, Indiana
Branch Plant: Kankakee, Illinois
Frank B. Harris, General Manager

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Bloomington, Indiana
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Theo. J. Louden, Sec. W. H. McKnight, Treas.
John H. Wilson, Mill Superintendent

**ELLETTSVILLE STONE COMPANY**
Mill and Quarry: Ellettsville, Indiana
Parks Nutter, General Manager

**HARDING & COGSWELL**
Office: Ellettsville, Indiana
P. M. Cogswell, Pres. Mrs. A. G. Harding, V. Pres.
W. G. Cogswell, Sec'y-Treas. R. C. Digel, Estimator
Alex Muir, Supt. Cut. K. B. Summit, Supt. Planers

**INGALLS STONE COMPANY**
Bedford, Indiana
Lewis Ingalls, Pres. Robert Ingalls, V. Pres.
A. M. Oakley, Treas. H. A. Becker, Sec.
Robert Ingalls, In charge of Quarries
R. A. Pearson, In Charge Cut Stone Department
Frank Becker, In Charge Drafting Department
C. F. Owens, In Charge Estimating Department
E. H. Bartlett, Purchasing Agent
O. C. Sappenfield, Traffic Manager
DISTRICT REPRESENTATIVES
K. E. Graham, 1015 Chestnut St., Philadelphia, Pa.
H. M. Benzel, Bona-Allen Bldg., Atlanta, Ga.
E. M. Haas, Newman-Stern Bldg., Cleveland, Ohio
H. C. Quackenbush, 38 S. Dearborn St., Chicago Illinois

# QUARRIES AND MILLS

INTEREST : INDIANA : OOLITIC : LIMESTONE : INDUSTRY

PUBLISHED MONTHLY BY W. B. HARRIS & SON

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VOLUME I ELLETTSVILLE, INDIANA NUMBER 5

## Opportunity --- Appreciation

EVERY morning, during work days, about five minutes after 7 o'clock, I notice a young man, say about 22 years of age, waiting on the sidewalk in front of my home. Within a few minutes another young man, about the same age, drives up in a comfortable car, and takes in his friend.

The young fellow waiting is Dean Gooldy, a fine young man of Ellettsville. His friend who takes him in the car is Glen May, of Spencer. The boys were classmates in the Ellettsville schools, graduating together. They are very close friends. Glen rather has the best of Dean, for he has one of the prettiest and best little wives to kiss him goodbye every morning, and he lives in one of the finest little cities in the land. Glen's town has nothing on Dean's, for Ellettsville is just as good. Some day Dean may be on equal footing with Glen—he, too, may be kissed goodbye of mornings by a little helpmate.

An everyday occurrence—nothing unusual in the story. But listen—the story is to come.

These boys are on their way to the great Hoadley and Tribune stone mills, property of the Indiana Limestone Co., at Bloomington. Dean and Glen are draftsmen—employees in these great establishments, drawing ample wages, $50 or $60 a week—an abundance for themselves and a little wife, and paying for a vine clad cottage—and to think, all of their own.

This is not all—just around the corner up the street is Kinney Kelly, a better boy, or finer looking one, moustache and all, doesn't live, doing full duty in the drafting room at Mrs. Thompson's, getting wages enough to own a car and have a good bank account, and Okey down at Perry's in the same game; and Chester Buchanan, drafting at Matthews: and Byron Shawver, who quit the grocery business to learn drafting at the Tribune mill—Lawrence Thompson, making daily trips to the American mill—and the conditions that exist here at the old home town hold good all over the district—Ernest Nikirk, of Clear Creek, Garret Varner, several miles out, Neel M. Rust, north of Bloomington, all driving to the Tribune drafting room — John Steele driving from Owensburg to the Hoadley, ditto Russel Duling from Freedom; Winifred Headdy from Woodland to the Shawnee—all making good money—and hundreds from all around in the different departments of the quarries and mills in the entire oolitic district—and—

Pshaw, you say, what of it—if I couldn't write a better story than that—wait, wait a minute, I am just laying the stepping stones for a real thought—a big idea, one maybe you hadn't thought of—Opportunity! Appreciation! Yes, That's It!

Living right here in the best paid wage section of the United States, I am just asking myself whether we fully appreciate the conditions that obtain; the opportunities for religious, eduactional, social and home building advantages that are ours.

While we realize that many of the young men, and older ones, too, in this their hey-day of life are guided by the spirit of thrift, and are taking advantage of the present opportunities to lay away a competency for old age; yet in this great drama of life the wastefulness of many is a tragedy, with the final result of humility and distress when old age renders them incapable of holding a job. While the opportunity is yours, grasp it. Be a home-builder. Not a "good spender," but a consistent "saver." According to the latest government statistics during the past sixteen years wages have increased 130 per cent., while the cost of living has increased 70 per cent. According to this showing, it should be no hardship to save a considerable share of your earnings.

Appreciation—yes, that's a part of our story. Under the old regime twenty-five years ago a lot of these young men who are in the drafting rooms, and cutting, and sawing, and planing, would have only a chance to be water boy at 75c a day, or holding a job with the cat owl gang at $1.50 per. A lot of them would be going to Illinois in the fall to shuck corn, and making annual trips to Kansas to bind and haul wheat.

Wages generally throughout the land have increased materially, but nothing to compare with the wages here in the oolitic stone belt. There is a basic cause for the phenominal rise in wages and the prosperity of this stone belt.

The expansion of the business. The fact that the output has increased ten fold in 20 years tells the story. Why the increase? It didn't just come of its own accord. No. There was something back of it. Big men, with big ideas, risked their money to develop the business. They recognized the value of the stone, and told the world about it. By looking at the first page in our magazine—our Directory of the operators, you will see who put it over.

## A CORRECTION

On Page 4 of our October Number of Quarries and Mills an annoying mistake occurred. In the heading of the page of scenes at the annual picnic, the word "Oolitic" should have been omitted. It should have read: "Scenes from the Annual Picnic of Indiana Limestone Company, September 21, 1929."

# "Safety-Work" is Bringing Fine Results

By FRED E. HATFIELD, Director Safety, Indiana Limestone Company

I BELIEVE it can safely be said that practically all stone workers are aware of the Safety work that is being done in our mills and quarries, and appreciate the fact that very little results can be obtained without the individual interests and cooperation of the employees. The protection of life and limb is a noble work and one that pays large returns for a very small investment.

Since the introduction of the Safety and Accident Prevention work about four years ago, wonderful advancement has been made. All possible mechanical guards have been installed and a very noticeable improvement in the individual interest in Safety has been manifested.

Safety and Accident Prevention has become a national problem. In almost every sphere of human endeavor leading men have come forth in favor of the Safety movement. From the reception which this has received and the advancement which has been made in the knowledge and undertaking of how accidents happen and how they can be prevented, it is but natural to assume that the results indicate that not only in public interest is the Safety movement making good but, which is far more important, that the results showed conclusively that the work of Accident Prevention is well worth while.

With the purposes of safe-guarding human life and limb, there is no question for there is not a nobler purpose to which any person can lend support. But as in all things, the real test is results. The great question for those who constitute the active part of the Safety movement, to wrestle with, is "Are we reducing the number of accidents?" and we have here a stupid situation. You are advised (by Bulletin) of accidents in our stone industry that necessitate medical attention or loss of time to the injured, in the hopes that by such publicity, others may profit by the experience of the unfortunate.

No one, knowingly, wants to get hurt. A very large per cent of all our lost time accidents are due largely to not thinking of the possibility of injury and the importance of doing the job in a safe manner, using every precaution to prevent injury to himself and fellow workmen.

Safety does not only apply to your jobs in the mills and quarries but in your home and on the highway. After one has become sold on Safety and Accident Prevention, it becomes a second nature and he will find that he practices Safety unconsciously. Safety and First Aid is today being taught in our public schools. Many accidental deaths have resulted from the lack of knowledge of First Aid treatment.

The Portland cement industry of the United States has recently displayed remarkable activity in accident prevention and First Aid work. Up to July 1, 1929, approximately 20,000 of the 42,000 persons engaged in the cement industry of the United States have been given First Aid training. In 1928 seventeen cement plants, comprising one eighth of the number of plants, went through the year without a single lost time accident. The cement industry was among the first to take up Safety work about sixteen years ago.

The same excellent results can be accomplished in our stone industry by cooperation and personal interest.

The following shows beyond a doubt that it is possible to operate mills and quarries with minimum accidents.

Twenty-three mills in the Cut Stone Department out of our twenty-six plants worked 255,241 hours in the month of July without a lost time accident. Only five lost time accidents occurred during the entire month.

**Accident Frequency Rate**
**Cut Stone Plants, Indiana Limestone Company—July 1929**

| Plant | Payroll Hours | T. A. | L. A. | T. Fre. |
|---|---|---|---|---|
| Group No. 1 | | | | |
| Dickinson | 23,432 | 2 | 0 | 0.00 |
| Dugan | 13,441 | 0 | 0 | 0.00 |
| Walters | 15,909 | 0 | 0 | 0.00 |
| Salem | 9,015 | 0 | 0 | 0.00 |
| Struble | 10,926 | 1 | 0 | 0.00 |
| Brooks | 6,897 | 1 | 0 | 0.00 |
| Total | 79,620 | 4 | 0 | 0.00 |
| Group No. 2 | | | | |
| McGrath | 15,253 | 2 | 0 | 0.00 |
| Donato | 15,018 | 0 | 0 | 0.00 |
| Donnelly | 18,989 | 1 | 0 | 0.00 |
| A. W. Stone | 8,872 | 0 | 0 | 0.00 |
| Blue Hole | 7,913 | 2 | 0 | 0.00 |
| Shea | 23,157 | 2 | 1 | 4.27 |
| Total | 89,202 | 7 | 1 | 1.12 |
| Group No. 3 | | | | |
| Furst | 23,460 | 4 | 1 | 4.27 |
| Blk. Dia. | 10,271 | 1 | 0 | 0.00 |
| Rowe | 10,322 | 0 | 0 | 0.00 |
| McMillan | 15,868 | 3 | 0 | 0.00 |
| Highway S. | 1,872 | 0 | 0 | 0.00 |
| Kerber | 11,853 | 2 | 0 | 0.00 |
| Hoosier | 6,232 | 0 | 0 | 0.00 |
| Joyner | 2,844 | 0 | 0 | 0.00 |
| Total | 82,722 | 10 | 1 | 1.20 |
| Group No. 4 | | | | |
| Bloomington Q. & M. 2 | 10,168 | 1 | 0 | 0.00 |
| American | 11,151 | 0 | 0 | 0.00 |
| Bowman | 7,986 | 2 | 1 | 12.52 |
| Hoadley | 16,564 | 1 | 0 | 0.00 |
| McDoel | 10,251 | 1 | 0 | 0.00 |
| Nolan | 2,180 | 0 | 0 | 0.00 |
| Tribune | 24,758 | 6 | 2 | 8.07 |
| Total | 83,058 | 11 | 3 | 3.61 |
| Misc. | 1,929 | 1 | 0 | — |
| Carvers | 11,651 | 1 | 0 | — |
| Cut Stone Total | 334,602 | 32 | 5 | — |
| Quarry | | | | |
| P. M. & B. | 39,009 | 7 | 2 | 5.12 |
| Walsh | 38,315 | 6 | 1 | 2.60 |
| Ward & K. | 4,366 | 1 | 0 | 0.00 |
| Eureka | 5,959 | 4 | 1 | 16.78 |
| Fanning-P. | 7,817 | 3 | 1 | 12.79 |
| Dk. Hollow | 37,952 | 4 | 3 | 7.90 |
| Baalbek | ——— | 0 | 0 | 0.00 |
| Total QY. | 133,418 | 25 | 8 | 5.99 |
| Adams ? | 6,923 | 2 | ? | — |
| Crescent-L. | (None) | 0 | 0 | 0.00 |
| Crown-CC. | 3,697 | 0 | 0 | 0.00 |
| Hunter V. | 4,786 | 0 | 0 | 0.00 |
| Mathers-Y. | 2,763 | 4 | 2 | 72.38 |

(Continued on Page 44)

# Princeton University Chapel

## Largest in the United States

### Stone Fabricated by Matthews Brothers Company

THE pictures on this and the following page represent the Main Entrance and the Chapel of the famous Princeton University, at Princeton, New Jersey.

The stone was furnished and fabricated by the Matthews Brothers Company, two hundred and fifteen car loads being required in the structure. Every piece of the stone was of the finest and most perfect obtainable, the expense in this respect being only an incident. It is needless to say that the workmanship, carving, etc., was of the highest standard, fully sustaining the record of the Matthews Brothers Company.

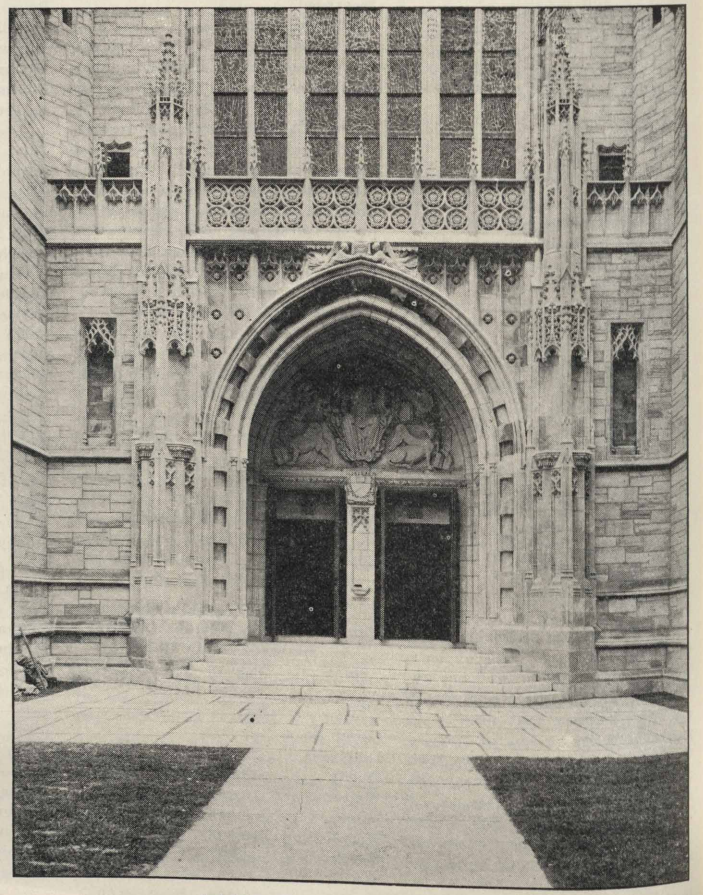
This is the largest University Chapel in the United States, and the second largest in the world, exceeded only by King's College Chapel in England.

The height of the main columns is fifty feet to cap line, and from that point to the apex of ceiling is an additional 26 feet, representing a total height from floor to ceiling of 75 feet. The dome is formed by self-supporting groined arch ribs, with a stone weighing 10,650 pounds, as a carved center boss, forming a key to the main intersecting ribs in the crossing.

The floor is stone. The windows, very beautiful in design, at either end of the nave and at the ends of the crossing are 21x42 feet.

This wonderful Chapel is the pride of the University, and the selection of Indiana Limestone in the construction is a fitting recognition of this, the most enduring building stone of the nation.

This classic Chapel, outstanding and historic, reflects credit alike on the great University, and the Matthews Brothers Company, the builders.



MAIN ENTRANCE TO THE CHAPEL

# PRINCETON UNIVERSITY CHAPEL

## Princeton, New Jersey

Cram and Ferguson, Boston, Architects. Mr. Ralph Adams Cram is the acknowledged foremost authority on Gothic architecture in the United States.

# A French Creation of the Tenth Century

Sketch and Article by JAMES W. HALL

WHEN I ambled my way into the editorial sanctuary of Quarries and Mills with a picture of the devil under my arm and a manuscript to prove it—a peculiar smile played o'er the countenance of the editor. It was a sort of half smile and half grin. Every time Editor Harris looks at me like that I know he's going to say something to the contrary notwithstanding. "You're too late for publication in October number" he says, and after looking over my stuff he accepted it for publication in the November number. So, here you are—a picture having a head resembling a tin-can-eat'n-goat; the horns of "old nick"; wings of a vulture; arms of a man; even has "bangs" like the girls used to wear back in the eighties! Yes—and he's stick'n out his tongue—like the kids do at each other—sometimes, and he seems to be thoroughly satisfied with himself!

Well might he be for he is carved out of Oolitic limestone and placed on a tower and whether he likes it or not, he sits there rain or shine, hot or cold, and he don't give a hoot whether its fair weather or stormy. It might be interesting to look at this picture and give a guess on what he is thinking about. He may be frowning on the banquets given at Washington where "red licker" is served freely. Maybe he's thinking about a certain Senator who even forgot about attending a banquet where red licker was plentiful—(what a memory!) but like as not he's frowning on the State legislature for removing the speed limit for Indiana. One of my friends says "he's frowning on our present form of prohibition."

Not a bad guess at that. However many a time we have viewed this grotesque figure in a plaster model—sitting around stone mills, waiting his turn to be carved into stone. Every time we viewed it we invariably felt a desire to smash it to pieces with a spalling hammer. The figure never did appeal to me and I've always felt sorry for the carver on whom it fell to reproduce the "tarnel thing" in stone. Of course, I never knew the history of it. It always seemed to me as if a man would have to have a good sized "jag" on—enough to "see things" before he could design a grotesque figure like this. Even after this sketch was made I was up a stump for something to say about it. Oh—yes—there are scads of fellows up and down the Monon—from Bedford to Bloomington (and Ellettsville)—draftsmen and architects, who could easily pouch out and say, "why sure, that's easy. We know all about its history, when it was made, what for and where it is now." Wonderful! But say, those wise guys don't know what they're miss'n.

(Continued on Page 42)

# Use of Terra Cotta False Economy

IN some instances architects or owners have congratulated themselves on savings made by the use of Terra Cotta facing on buildings, only to find that extensive repairs were necessary within a few years, not only to keep up the appearance of the building but actually to make it safe for the public using the sidewalks below. Many such cases could be cited but the following will suffice for purposes of illustration.

The Terre Haute Trust Co. Building, Terre Haute, Indiana, had its lower two stories faced entirely with Terra Cotta. Later this material developed defects and the entire facing was removed and replaced with Indiana Limestone.

All Terra Cotta trim, columns, etc. on the Spanish Roman Catholic Church, Hispan Society, New York City, was removed and replaced with Indiana Limestone.

Several years ago falling chunks of the Terra Cotta coping on the Chicago City Hall and County Building struck two citizens. A large sum was required to recondition this Terra Cotta. Photographs taken while men were doing the repair work showed that many of the supporting steel rods were so badly rusted that they fell apart.

It seems impossible to make mortar stick to vertical Terra Cotta joints, thus water has found an easy entrance to the iron coping and cornice anchors on many of the older buildings.

A short time ago, a contractor was hired to clean and paint the wood, metal, steelwork and exterior facing of a building in the business section of Milwaukee. In the course of the work the contractors attached a swinging stage to the building. At the twelfth floor there was a balcony composed partly of terra cotta and when the swinging stage came in contact with it, pieces of Terra Cotta were dislodged and fell to the pavement below causing the fatal injury of a boy who was passing. Later developments showed that the building was twenty years old and that the Terra Cotta had become loose and insecure. The court held the building manager and through him the owner responsible for the accident on the ground that he should have known that the building was defective.

Recently we learned that the Canadian Pacific Railway building in Toronto, erected in 1913, is going to shed its Terra Cotta coating for a more modern and enduring facing of Indiana Limestone. This undertaking now in the scaffolding stages will take over a year to complete and will cost in the neighborhood of $300,000, affording a striking example of false economy in the use of Terra Cotta.

We could go on almost indefinitely with examples of Terra Cotta failures through crazing, cracking, spalling, and falling from its position in the building.

The sharp increase in the cost of building materials after the war and the vogue of speculative building caused a persistent search for lower cost material and the substitution of considerable quantities of terra cotta and cast cement for natural stone.

Owners are now reaping the reward of this false economy and are returning to natural stone, the finest of which comes from our own Oolitic Limestone belt in Lawrence and Monroe Counties.


# Value

*Value is that which renders use, pleasure or esteem. It has no relation to cost, but price is decidedly governed by unexpected value. The reputation of this house has for almost a half century been built by merchandise that represented very real value.*

*The woman who makes this store her "port of call" when shopping is assured of receiving for the price she pays, a full measure of value not only in quality of materials and workmanship but as well in a sense of certainty of correctness and authority in the styling of her selections.*

Breeden's

"Better Values"

# Cooperation of Drafting Room and Mill

## [DRAFTING THOUGHTS]

DUE to the complications of design, the larger size of our modern buildings and to the expansion of our "Industry" the drafting of cut stone has become a very large item in the fabrication end of the business.

A draftsman's first thought should be—and he should never lose sight of it—that the company who happens to be his employer cannot collect any money for the work which he is doing, to carry on the business. It is essential that the mills run at top speed always, as the contract price is not payable until after the stone has been received at its destination.

In connection with this thought of the employer, a draftsman should bear in mind also that the men in the mill cannot work unless his work has been done—in other words the man in the mill is depending on the draftsman in the office to see that his pay check arrives regularly.

A draftsman sometimes takes the attitude that such and such a feature must be so and so to the detriment of the mill, and at the same time indicates that the mill can "go to H—" as far as he is concerned,—for, he intends to do this thing his own way and at such hours as the office works.

Perhaps in a case like this it would be possible to drop this complicated feature for a while and take up some other portion so as to keep the mill running; or maybe work overtime to help the mill out.

The draftsman must cooperate at all times with the men in the mill, and the mill men should do the same by the draftsman. The small petty jealousies must be eliminated. The old idea of the mill trying to get something on the drafting room, or the drafting room trying to get something on the mill, should be done away with, and is not tolerated in the larger plants today where possible to avoid. But the point brought to your attention is that it should not exist, so that the need for tolerating is missing.

The main thoughts of this article summarized are—The draftsman must at all times cooperate with the mill,—keeping before him the knowledge that no money comes to the company until the mill has shipped the material ordered.

A mill not running one hundred per cent is not earning the dividends to which it is entitled. A mill not running full time is keeping some of the mill men from receiving their regular pay check. A mill cannot run full force unless the draftsman has done his work and did it well.

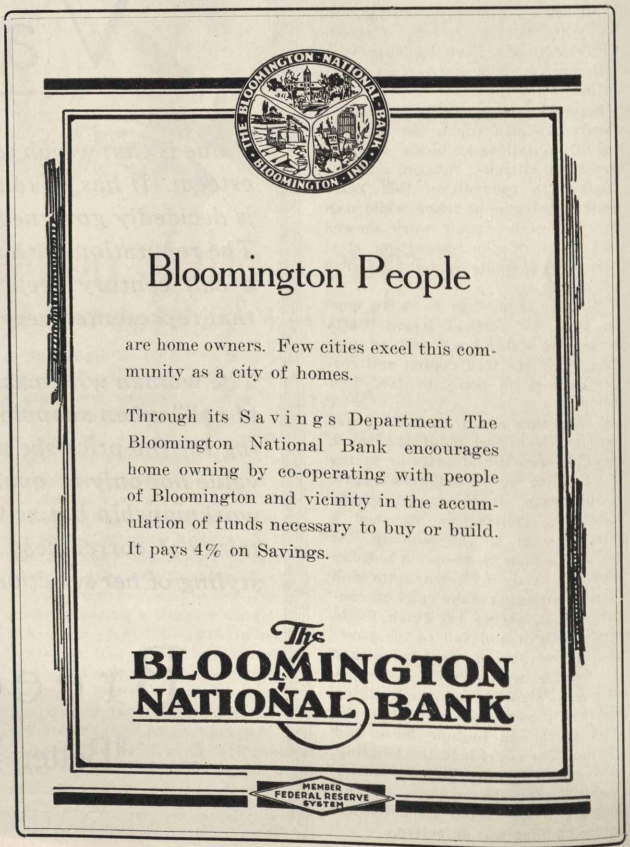
Finally a mill running full speed causes everyone to feel good, owners, office forces, superintendents, foremen, sawyers, planermen, cutters, traveler crews, car blockers, miscellaneous other crews and the draftsman.

The draftsman is responsible to the owners for the proper operation of the mill, always providing of course, the owner has his estimating department keep plenty of work in front of him.

The oldest known bricks have been found in ancient ruined cities of Mesopotamia, dating back to 3800 B. C.

* * * * *

The White House was first equipped with telephone service in the administration of Rutherford B. Hayes.

# Ledge - Quarries - Mills - Drafting Room

## Shop Notes of the District

The following officers were elected at the last regular meeting of the Stone Cutters and Carvers Union of Lawrence and Monroe Counties for the ensuing six months:

Bloomington Local:
William Salmon, President.
John Trueblood, Secretary.
Duncan Robinson, Treasurer.
Bedford Local:
Frank A. Gennett, President.
James Meglemere, Secretary.
R. L. O'Brien, Treasurer.

* * * * *

Frank Ridge, Superintendent of the Reed-Powers quarry, three miles south of Ellettsville, says their new quarry is a "producer of high grade and plenty of it."

* * * * *

Harding & Cogswell are moving along in the "even tenor of their way," with a number of jobs to be carried into the new year.

Sam Griggs, stone cutter foreman at Brooks Mill of the Indiana Limestone Company, is confined to his home by illness.

* * * * *

Scott Tuggle, stone cutter, who has been in poor health for the past few months is taking treatments in the Lafayette Hospital and we are very glad to learn that he is responding to the treatments and expects to be home in the very near future.

* * * * *

Joe Dalton, who was formerly superintendent of the American Mill at Bloomington, has been appointed superintendent of the J. P. Falt Mill at Bedford, Indiana. We welcome Joe to our Lawrence county organization.

* * * * *

Oscar Harper, mechanic at McGrath Mill, met with a serious accident September 27, 1929. In going to walkway of line shaft by the means of a ladder, to make repairs, he fell from the top of the ladder, a distance of sixteen feet, lighting upon his feet breaking the heel bone in the left foot. He is now confined in the Methodist Hospital where it was necessary to operate in reducing the fracture.

* * * * *

John Utterback, laborer at P. M. & B. Quarry, suffered a compound fracture of the right leg when a link between the socket and hook broke when dragging in stone. Accident occurred October 18 and injured is now confined in the Dunn Hospital, Bedford, Indiana.

* * * * *

The new United States and Federal building to be erected at Juneau, Alaska, is to be of Indiana Oolitic Limestone. The Bedford Cut Stone Company has been awarded the contract, the shipment of which will be

(Continued on Page 12)


# A. J. THOMPSON STONE CO.

## Indiana Oolitic Limestone

## CUT STONE CONTRACTORS

*JOBS NOW BEING FABRICATED*

ANTHONY J. BOWEN SCHOOL
Washington, D. C.

PARISH HOUSE FOR TRINITY EVANGELICAL LUTHERAN CHURCH
New Brighton, Pa.

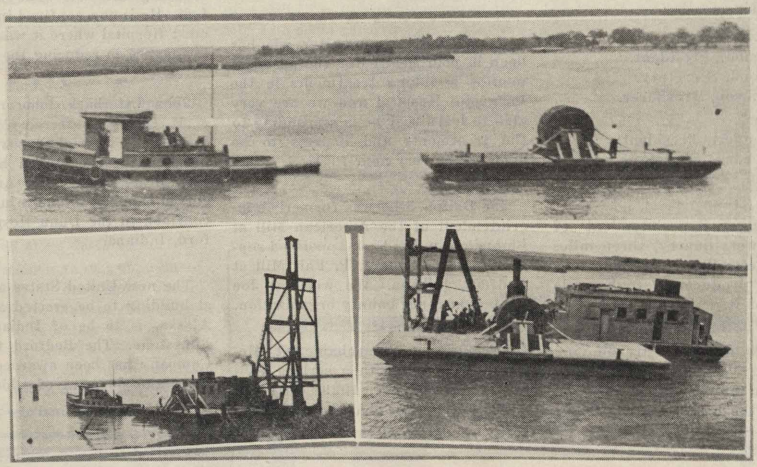
GEO. D. SCUDDER SCHOOL
Portsmouth, Ohio

MILLVILLE SCHOOL
Millville, New Jersey

ELLETTSVILLE - - - INDIANA

# Sea-going Empire Crews Lay Cables to Bring Power to St. Simon's Island

[From SNAP-SHOTS, Published by Employees of the Georgia Power Company, Atlanta, Georgia]



HIGH TENSION LINE PUTS OUT TO SEA—Courtesy Georgia Power Company

A RARE job in the history of construction work in the Company is under way near Brunswick, where St. Simon's Island, coastal colony, is being joined to the mainland network of power lines of the Company system.

Between Brunswick and the island of St. Simon's, a single stretch of submarine cable has been laid, which when connected, will carry an 11,000 volt feeder line from the mainland to the island, thus making available electricity in ample quantity to serve the community 24 hours every day.

The distance between the mainland at Brunswick and St. Simon's Island, across the Fredericka River, where the cable was laid, is 1,610 feet. The entire length of the cable was in one piece, reeled from a giant spool which was mounted on a lighter, being payed out as the flatboat was towed across the river by a tug. The stretch of cable which crosses the Fredericka River weighed approximately 22 tons, or nearly 27 pounds per foot length.

A remarkable feature of the job, which was handled by Empire Construction Company crews under supervision of J. W. (Bill) Wingate, General Foreman, was that the laying was completed in one and one-half hours.

### Cross Five Streams

In all, five streams are crossed by the feeder line to St. Simon's for a total connection of eight miles of feeder circuit.

Two lengths of submarine cable were used on the job. The longer stretch was under the Fredericka River, on the bed of which stream the heavy feeder line was allowed to sink to the bottom, anchoring itself by its weight. The shorter stretch crosses Back River via the under-water method for a distance of 960 feet. These submarine cables were necessitated because of the fact that Fredericka and Back Rivers are navigable streams and must be open to shipping traffic. The cables under each river are not anchored except at their terminals.

Three other streams were crossed by open spans, the longest of which was 1,270 feet, swung from 80-foot poles. A span across Little River of 860 feet is swung on 70-foot poles, set in pilings sunk 35 feet in the earth.

One of the points of interest in the general hook-up of the mainland with the island is that engineers say the heavily-insulated cable will suffer no more, and perhaps less, leakage of current than the usual overhead system where less carefully guarded lines continually record loss of current. The heavy cable is steel-encased with the three-phase feeder lines themselves heavily insulated with rubber, impregnated paper, jute filler, jute wrapping, rubber filling and lead compact, the entire cable body being wrapped with steel wiring around which is a heavy lead-and-steel tubing.

# Office Force of Hoadley Mill, Indiana Limestone Company

Charles Gilbert Shaw, Photographer

Top Row—Left to Right: John Steele, James Chambers, Orville Fuller, Howard Hartman, Fred Heitzer, Glenn Pryor, Morris Murray; Middle Row: Burt Harn, Glenn May, Dale Tomey, Frederick Pflug, Chas. Wilkinson, Lance Kell, Dick Hall; Bottom Row: Mrs. Isabella Hunter, Miss Idus Deckard, Miss Edna Livingston, John P. Hamilton, Chief Draftsman; Miss Charlotte O'Neil, Mrs. Madaline Bennett and Miss Christina Winning. Russel Duling, Howard Finn and Herman Steele are not in group on account of sickness.

## Hoadley Mill Items

Herman Steele, oldest man in the office has resigned and gone to Arizona for his health.

Dale Tomey has made two trips to Fort Wayne in the past month on business for the Indiana Limestone Company, looking after details on the Lincoln National Bank and Trust Company building, which when completed will be the tallest building in Indiana.

John Steele and Howard Finn have returned to work after a short illness.

Russel Duling has returned to work after a week's vacation.

Wednesday evening, October 30th, a masked Halloween party was held at the Indiana Limestone Company Group Four office by members of the Drafting Department of the Hoadley Mill and members of the Group office.

There were many different kinds of costumes worn, some comical and some pretty. Mrs. Dorothy Creed won the prize for having the best costume. She was dressed as a witch and acted her part well. Everyone unmasked at 8:45.

Different games and dancing followed. Refreshments were served at 9:30. The table was decorated very beautifully in keeping with the spirit of the party. During the refreshments a little talk was given by Mr. Neu and a story was told by Mr. French.

Games and dancing followed and everyone seemed to have had a delightful time.

Those present were: Mr. and Mrs. Hamilton, Mr. and Mrs. French, Mr. and Mrs. Wilkinson, Mr. and Mrs. Hartman, Mr. and Mrs. Bennett, Mr. and Mrs. Creed, Mr. and Mrs. Brown, Mr. and Mrs. Bridges, Mr. Neu, Idus Deckard, Charlotte O'Neal, Mrs. Isabella Hunter, Edna Livingston, Mrs. Denbeau, Inez Deckard, Vesta May, Mrs. Scott, John Steele, Glen Pryor, Fred Pflug, Maurice Murray, Orville Fuller, Carl Lugenbill.

## Tribune Mill Items

Group 5 is sporting new cars this month.

Paul Griffith is driving a new Chrysler 66 sedan.

George Pearcy has a new De Soto sedan.

George Baker has a Chrysler sedan.

The Tribune draftsmen are extending their heartiest congratulations to the chief, Chester Carter, for being elected President of the Industrial Club for the coming year.

* * * * *

Ralph Burns made a trip to Cleveland last week on the Stone Mather Memorial Building, which is being drafted there.

Boyd Porter went to Kansas City on business for the company.

Garret Varner of this office and Mary Hubbard were married, October 15th. Everyone extends their congratulations.

Leo Kimmet is to be the instructor

(Continued on Page 41)

# Ledge - Quarries - Mills - Drafting Room

(Continued from Page 9)

made the early part of December. Twenty loads will be required in the job. The stone will be shipped by rail to Seattle, Washington, and from there by barge to Juneau. As a representative of the stone company will go to Seattle to superintend the transfer from rail to barge, the shipment from Bedford will be done practically at one time. A more trustworthy or careful company could not have received this contract than the Bedford Cut Stone Company, Bedford, Ind.

* * * * *

The old fire bell at Bloomington is not the only relic of antiquated service that is being memorialized in Oolitic Limestone. Recently Bourbon, Indiana, dedicated a memorial in stone to the "Old Town Pump." A model, one third actual size, was carved, and rests on a base of Indiana boulders.


Condensed Report of Condition of

First National Bank

Bloomington, Indiana

as submitted to the Comptroller of the Currency of the United States Treasury Department, as of October 4th, 1929.

Resources

| | |
|---|---|
| Loans and Discounts | $1,888,486.42 |
| Overdrafts | 1,635.63 |
| U. S. Government Bonds—State, County & Municipal Bonds and Other Bonds | 1,100,012.96 |
| Banking House, Furniture, Fixtures, and Equipment | 180,941.56 |
| Real Estate Owned, Other Than Banking House | 3,055.78 |
| Cash and Due From Federal Reserve Bank and Other Banks | 799,114.57 |
| Redemption Fund With U. S. Treasurer | 6,000.00 |
| TOTAL | $3,979,246.92 |

Liabilities

| | |
|---|---|
| Capital Stock | $ 120,000.00 |
| Surplus and Undivided Profits | 255,616.98 |
| National Bank Currency—Issued by This Bank Through the United States Treasury Department | 120,000.00 |
| Deposits—Demand, Time, Certified Checks and Cashier Checks | 3,483,622.79 |
| Other Liabilities | 7.15 |
| TOTAL | $3,979,246.92 |

First National Bank

BLOOMINGTON, INDIANA

*Ample Resources to Protect You*

*A National Bank for Fifty-Eight Years*

WHEN YOU THINK OF A BANK "THINK FIRST"


Surmounting the structure is a danger light of bronze that blends into the stone structure. A bronze box at the base contains the names of the more than 2,000 donors, along with much historical information and newspaper clippings.

* * * * *

## Mutual Oolitic Cut Stone Company

After an active summer, the Mutual Oolitic Cut Stone Company enters the fall of the year with several local cut stone jobs to their credit. They have recently completed the fabrication of the cut stone for the Eagle Clothing Store, West side of Public Square, Bloomington, Indiana, Raymond Fuson, architect. Also, the stone trim for the Sanders and Clear Creek School Buildings was furnished by this company and O. L. Hill of Bedford, Indiana, was the architect.

The workmanship and co-operation displayed by the workers in the mill is worth mentioning. The mill is being leveled off and put in shape to allow for more stacking room and better working conditions.

It is only a question of time until the mill will be completely covered. This together with the excellent location, directly opposite the new Dixie Highway, will make the Mutual Oolitic Cut Stone Company one of the outstanding stone mills in the Bloomington district.

In addition to the jobs mentioned above the company is doing other work to be shipped to various parts of the nation. In other words the men of the various departments are doing their bit to help build our towns and cities into one solid nation of Indiana Limestone structures.

(Continued on Page 41)

* * * * *

## Protect the Responsible Driver

Dr. Charles Norris, Chief Medical Examiner of New York City, has a novel suggestion for reducing traffic accidents. He would fine reckless "walkers" who increase accidents, and would also prevent them instituting suts against automobile drivers who were not at fault.

* * * * *

The amount of fur-seal skins taken at the Pribilof islands this year is the largest since the government took over sealing operations in 1910.

# Big Prizes Offered to All Stone Carvers

THE Hoosier Salon Patrons Association announce that the next Hoosier Salon will open in the Marshall Field Picture Galleries, January 25th, 1930, continuing for two weeks and three days. It is desired that every carver try for the Limestone prizes which are as follows:

The Indiana Limestone Company offers a prize of $200.00 for the best piece of carved limestone showing creative design (weight not to exceed 150 pounds), which can be embodied in an architectural design.

Mr. Wm. Harry Johnson, President of the Bloomington Limestone Co., offers a prize of $100.00 for the best piece of garden sculpture made out of limestone.

Mr. Johnson also offers a prize of $100.00 for the best architectural ornament in the round, showing creative design, made out of limestone.

The Association must have a list of carvers who desire to compete in order that the literature can be mailed to them. We want to hold the finest exhibition that has ever been held in Chicago so every carver is urged to try.

After the exhibition is shown in Chicago, it will be taken to Indiana University and shown there the latter part of February.

For further particulars, communicate with Mrs. C. B. King, Hoosier Art Gallery, 211 W. Wacker Drive, Chicago, Ill.

## Other Prizes Offered

Mr. Lawrence A. Downs, President of the Illinois Central Railway, offers a prize of $100.00 for the best Industrial scene painted any place along the route of the Illinois Central.

Mr. Harry Kurrie, President of the Monon Railway, offers a prize of $100.00 for a landscape in oil which portrays an outstanding beauty spot of the State. Size not to exceed 28x32. This picture may be one of the Indiana rivers, an Autumn scene, a winter picture or a painting that portrays a scenic beauty spot. Must be painted during 1928 and 1929.

The State Normal School of Terre Haute will give a purchase prize of at least $100.00. Picture to be selected by a committee from the school at the Salon, to be placed at Terre Haute.

Mr. and Mrs. E. M. Morris of South Bend, Indiana, offers a prize of $50.-00 for the best Autumn scene in oil by an artist whose entire training has been received in the State.

## WORK FOR SAFETY

The tragic phase of automobile fatalities is that most accidents are unnecessary.

Yet every year thousands of people pay with their lives for carelessness, recklessness and incompetence of drivers.

Compulsory insurance can never offset this irreparable loss. At its best it can only indemnify. It begins at the wrong end of the problem.

What is needed is a safety consciousness on the part of the public and rigid enforcement of adequate driving laws. In certain communities safety lessons have been given in schools, with the result that accidents to children appreciably decreased. Tests have shown that the accident rate will drop to a minimum when traffic laws are enforced and offenders punished.

In many localities the traffic codes are out-worn and inadequate, having gone unrevised since the time when an automobile was something of a curiosity.

Education and law enforcement have helped the railroads lower accidents and helped in fighting fire and disease. Applied to the automobile acident problem they would give quick and gratifying results.

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SOUTH END WALNUT STREET — BLOOMINGTON, IND.
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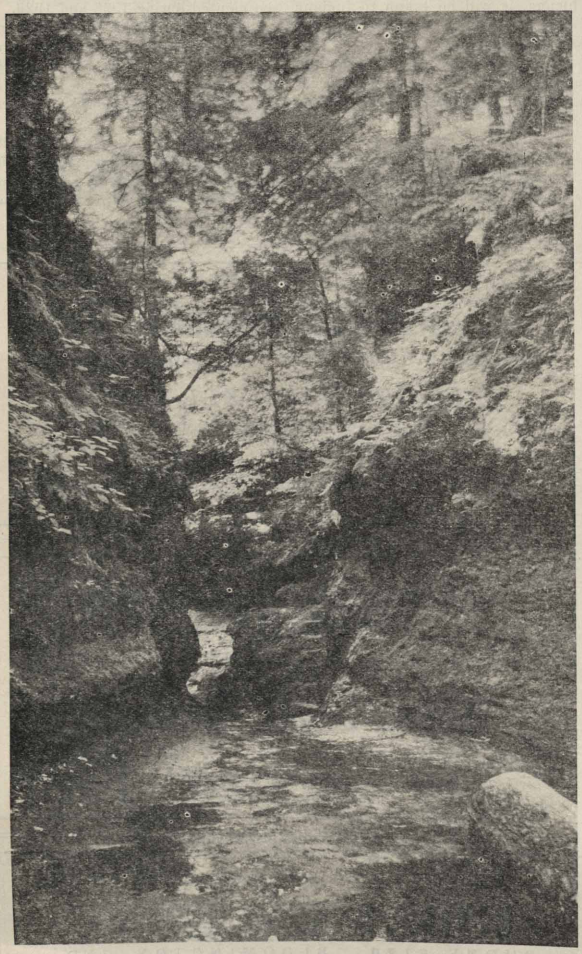
# "SEE INDIANA FIRST"

[Halftones of Different Scenes Through Courtesy Indiana Department of Conservation]

THE slogan, "See Indiana First," has a depth of meaning worthy the consideration of all Hoosiers. The various parks and game preserves embrace scenes of beauty and charm unexcelled, and all are easily accessible by auto, for the network of State Highways afford comfortable travel to them.

Nature works in mysterious ways, and its handiwork especially in southern Indiana has been productive of rugged gulches and furrows in stone that lead to wonder and often awe of the beholder. The myriads of centuries required for the water to cut these great ravines in stone, leaving a pinnacle here, a cave there, or a water-fall, all combine in creating emotional appeal to the soul for reverence and love of the Master Hand that has devised a scene of such amazing magnitude. A generation ago the only means of travel to these places of interest was by horse vehicle, and hotel and other conveniences had not been provided, but with the auto has come good roads and hotel accommodations, and as a result thousands of citizens of the state receive pleasure and benefits by outings to these places of interest.



Upper End Rocky Hollow—Turkey Run

Not only do Hoosiers visit our parks and scenes of interest, but since the state is the center of population, industry and transportation it is known as the cross roads of the nation, and thousands of citizens from other states are annual visitors to our parks.

With the view of featuring some of the most prominent points of interest we are presenting in this number of Quarries and Mills cuts of Turkey Run, Clifty and scenes in Martin county, with the view of encouraging Hoosiers, and especially those who are not acquainted with their state to "Know Indiana First."

A few years ago when the writer visited the Mammoth Cave, in putting some questions about the cave to a young native who lived three miles from the cave, he said, "Don't know, sah, never been in there." In our party were three ladies from England, a man and his wife from Pittsburgh and a Chicago traveling man. In this case, as our friend James H. Hall would say, "That young man was getting a lot of kick out of 'Old Fashioned Ignorance.' "

## Game Preserves

Through the great increase in the sale of fish and game licenses, the Division of Fish and Game of the Departmeent has secured sufficient funds to purchase approximately 12,000 acres of timbered land in Brown County, lying just south of Nashville. This is known as the Brown County Game Preserve. No hunting of any sort is permitted and it is expected to become a great breeding place for game, animals and birds of all sort from which they will migrate to replenish surrounding counties.

## Turkey Run State Park

The many thousands who come back to Turkey Run every year are ample evidence of its many interests and beauties. Turkey Run State Park represents the finest of that interesting landscape for which Sugar Creek is famous.

The park of 1,070 acres, practically all of which is heavily wooded, contains 285 acres of absolutely virgin timber in which there has never been any cutting. It is of supreme interest because it represents a typical bit of Indiana before the white man. Scattered through this primitive area are great walnuts, yellow poplars, white oak, red oak, wild cherry, sycamore, beech and maple. Running back from the creek proper are deep gorges cut into the sandstone at the time of the glaciers. These are characterized by high walls cut into rock, deep clefts retiring beneath the walls and the beauty of the many different types of plants and small trees which cling to the faces of the cliffs.

In the park are 30 miles of foot trails which lead to the many points of scenic and historic interest such as Rocky Hollow, Turkey Run Hollow, Lusk House, Log Cabin, Log Church and Walnut Grove. Trails are plainly marked with numbers which are easily followed. Small trail maps may be had at the hotel.

Ample parking space is provided. Fireplaces, water and wood are provided for campers, dressing rooms for bathers and absolutely pure drinking water from driven wells. A playground is provided for small children.

The park is reached over State Roads Nos. 47 and 41. Train service is available to Marshall, Indiana, over the B. & O. R. R. and thence service to the park three miles by motor livery.

Turkey Run Inn is the original State Park Hotel and has been noted for years for the excellence of its simple service. It has an overnight capacity of 150 guests in its two large brick buildings and cottages. The cottages contain sleeping rooms only.

## McCormick's Creek Canyon State Park

The park of 385 acres contains many features of beauty and interest. McCormick's Creek runs for a mile and a half through the area, cutting into the limestone a great canyon as much as 100 feet in depth. A foot trail winds through the bottom of the canyon and is one of the spectacular walks in the area.

On one border the park is bounded by White River with an excellent sand bar and good fishing holes. The woodland in McCormick's Creek State Park is noted for its excellence and for the great profusion of wild flowers. Here the ground is carpeted with color in great masses in the early spring. Although not virgin timber the woods are a perfect example of fine second-growth timber. Of interest to all are the experiments in growing of pine, spruce and hardwood trees in the abandoned fields on the north side of the park.

Owen County, called by the pioneers "Sweet Owen," has many points of scenic and historic interest. It is in the edge of the great stone belt, has a number of large quarries and on the western side is extremely rugged and hilly. In the county is the center of population of the United States, and the birthplace of the late T. C. Steele, Indiana's most famous landscape artist.

Gypsy Gulch—Turkey Run

C. F. LEWIS S. P. LEWIS

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## Thrift—Best Means of Acquiring Wealth

Those who would get ahead financially can hope to do so only by putting their dollars to work for them. In view of the spectacular stories often heard about wealth being quickly won, the gradual and steady accumulation of funds through thrift may seem slow and unsatisfactory to many yet in the long run greater progress is made this way by most persons than through the practices of financial magic.

The newspapers of the country recently told of the filing for probate in Indiana of a peculiar will. By the terms of this testament the sum of $50,000 is to be held in trust for a period of 200 years. At the end of that time, the estate will, it was set forth, be worth $160,000,000 which vast amount is to be given to various charitable and welfare organizations.

The figures serve to illustrate the enormous increase made possible through compound interest. The sum set aside in this will will have reproduced itself about 3,200 times within the prescribed period.

While the lapse of time encompassed in the terms of this will is three times greater than the normal expectancy of human life, the mathematical principle responsible for this enormous growth is no different from that which may be taken advantage of by the average person at any time. Modest amounts of money deposited systematically in a savings bank or invested in sound securities with the reinvestment of the income thereof, grow into comfortable fortunes within a few years. For illustration, the saving of $90 a month for 25 years at 6% compounded semi-annually will build up a fortune of more than $60.000. In actual experience, the building up processes are apt to be much more rapid because as the years went by there would doubtless be a considerable increase in one's earning capacity and it would be possible to save and invest on a steadily increasing scale.

Those who are seeking financial independence can never hope to realize their ambitions until they learn the value of making their dollars work for them. The amount may be small at first but it will grow as time goes on and the results will be surprisingly gratifying.

# Wizard Rock of Baby Farm

## Lucile's Seven Lovers

PERHAPS no man ever got more fun out of watching the crowd go by, and studying human nature, than old Lafe Lazarus. Old Lafe had spent most of his life in the west making and saving money, and had come back to his native town and was living comfortable at the hotel.

As there were several points of interest in the locality, among which was Wizard Rock of Baby Farm, quite a few tourists stopped at the hotel, which gave Lafe an opportunity to "study folks," and form his own opinions.

"Thanks, young feller; I'll save this cigar to smoke arter dinner," and old Lafe shifted a big chew of Star tobacco from one side to the other."

"You be one of the tourists come in to see the sights about here."

"Yep."

"Well, there's a lot of interesting places about here. One of 'em has a mighty high sounden name, 'Wizard Rock of Baby Farm.' You know there's a lot in a name. The bigger the name the ferder people will go to see it. These summer people, a lot of 'em with a little kodak along, are strange folks, and will go their full length hunting something new."

"Wizard Rock of Baby Farm?"

"Yes, that has name enough, and from what they say, it's an interest spot. I thank you for this cagar, an' I believe I'll not wait till after dinner, but I'll enjoy it while I tell you of Wizard Rock."

"Well, this legend of the Wizard Rock happened a long time ago, when the country wasn't near so settled, and if you wanted somethin' special for dinner you didn't open up a can of it; you went out and shot whatever it was in the wild woods with one of them long skinny rifles. I don't remember whether it was before the Revolution or after it, but anyhow the country was all wild and uncivilized and full of hell-raisin' and bears and big gosh-almighty men and good liquor. Times have changed, except for the hell-raisin'—and that's weakenin' gradual.

"The town was here then—or the baby it grew from—and Wizard Rock Valley was here, but nobody called it Wizard Rock then. I don't know if it had a name even—it was just the place where the Gitam boys hung out. The Gitams didn't mix with the town people much; they were what you'd call individual, not to say outlandish and pecooliar.

"They'd come over the pass one day in a great big wagon—all ten of 'em—man and woman and hired girl

(Continued on Page 19)

39 Years of Service to This Community

LET US SERVE YOU

Stone City Bank

OLDEST BANK IN BEDFORD, INDIANA

FOUNDED IN 1890

# *Proper Lighting Pays for Itself---*

The sere and yellow leaf brightening the landscape indicates that another summer has gone, and shorter days and longer nights are with us.

Artificial light cannot give us summer joys, but it can and will help make Fall and Winter evenings pleasant and comfortable; it can and will save studious childrens' eyes from tiring and aid mothers eyes when sewing or darning.

Proper electric lighting more than pays for itself in happy hours at home and brighter eyes at school.

**INTERSTATE**
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# Wizard Rock of Baby Farm

(Continued from Page 17)

and seven big boy kids, from the ten-year-old, who walked by the team, to the baby in arms. Families were families then. Well, in those days each new settler meant somethin' to a town when anybody that could fire a gun would be worth their weight in gold if the Indians happened along; so when the Gitams stopped at the blacksmith shop to get a new shoe for the lead horse, pretty near the whole town turned out to welcome them.

"But they weren't havin' any welcomes that day, thank you. They were dark-complected folks, the Gitams, and never good talkers at the best of times, and this time none of them would hardly say a word to answer all the greetin's and questions and such. When the horse was shod and the blacksmith paid, "Giddap," says Pa Gitam, cluckin' to his horses. 'So long folks—obleeged for your welcome, but I'm goin' along where it ain't so crowded and full of conversation,' and he drives right through the town toward Wizard Rock Valley without another word.

"So, naturally, the town people shook their heads at the rudeness of some folks' language, and some of them hollered 'Good riddance' after the Gitams when they were up the road a piece, too far away to hear—and that was the start of the sort of hard feelin' betwixt 'em. Well, personally, I'm with the Gitams some—there's such a thing as bein' too all-fired neighborly. But still, in an unsettled country, neighbors has got to be neighbors, and you can't blame the town people, after that, for callin' the Gitams rough boys and backwoods bears.

"Well, they settled up in the valley and cleared their ground and raised their house and, after a while, they were doin' pretty well. They didn't ask help from anybody and nobody offered 'em any. About once in the spring and once in the fall they'd drive into town to swap coon skins and such for what store goods they needed. But that was all the town saw of them, and the town was just as pleased.

"I'll say this though, the town didn't have to complain of 'em any. They might be backwoods bears, but if they raised any hell they raised it at home, and they certainly worked like all git-out on their place.

"Once a year they'd come to church too, and sit in the backmost pew; and when the collection plate came round they'd put cold money in it, like the big people did, and not try to work off a mess of sprouted onions or a dry cow on the minister. They were honest and they worked hard, and if the town called 'em bad neighbors—I've known worse.

"So the years went by and the boys grew up till pretty soon the youngest could swing an ax as well as his pa—and Mr. and Mrs. Gitam were gettin' old. They had a big place by now, but Mrs. Gitam kept the house as neat as a pin, and the fields showed that the boys knew how to farm. Well, we can't expect to live forever, and when a man and a woman's raised seven six-foot sons man high and made good farm land out of a wilderness,

(Continued on Page 23)

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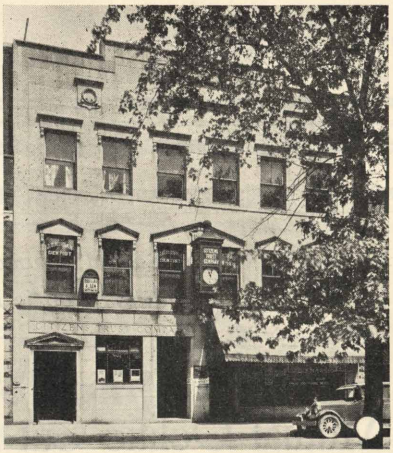

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## Cut Stone Company
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# Cut Stone Contractors
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**Indiana Limestone**

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Plant Office: BLOOMINGTON, IND. Chicago Office: TRIBUNE TOWER

# MONON STONE COMPANY

FRANKLIN T. BRODIX : President

**Quarrymen and Cut Stone Contractors**

INDIANA OOLITIC LIMESTONE

# Wizard Rock of Baby Farm

(Continued from Page 19)

they can go, when their time comes, easier than most.

"Pa Gitam went first—the fall of a tree took him—and Mrs. Gitam didn't stay long behind him. They wouldn't bury 'em in the churchyard—they buried 'em at home. The minister took on some about it, but the boys said pa and ma wouldn't feel right, all crowded up in the churchyard with a lot of strangers, and they got their way.

"There's worse places to be buried than lookin' out over the fields you've cleared.

"After that, some people thought the boys would come into town more and get more sociable. But they didn't—what suited their pa and ma suited them apparently. They stayed out in the valley, keepin' by themselves and to themselves, except to come in to market and to go to church. And, when they came to church, they put just the same money in the collection plate they had when Mr. and Mrs. Gitam was alive.

"Finally a house full of seven big boys, was a plenty on the farm and the older boys took workin' for other folks, and finally drifted into the quarries which were just starting up, never supposen much would come of 'em only for building bridges, and sich.

"They went on just the same, as I say, but things didn't go quite the same for them. For one thing, the hired girl couldn't keep the place the way Mrs. Gitam kept it. And besides, she was gettin' old herself. Well, pretty soon she up and died. They gave her as good a funeral as they knew how—she'd always been part of the family. But after that, though the farm went ahead as well as ever, things in the house began to go from bad to worse.

"Regular menlike, they didn't notice what was wrong at first, except that there was a lot of dust around and things didn't get put away. But after each one of them had tried a week of cookin' for the others, and all the others had cursed out the one who was cookin' somethin' proper, they decided something had to be done about it. It took them a long time to decide that—they were slow thinkers and slow talkers, the Gitams—but when they did decide about a thing, it got done.

" 'The flapjacks are greasy again,' says Harry Gitam one evening—Harry was the eldest. 'You know what we've got to get, brothers? We've got to get a woman to take care of this house. I can lay a tree within two inches of where I want it to fall; I can shoot the eye out of a gray squirrel in a tree top and blow on a turkey call till the turkeys think I'm blood kin to them—but I can't cook.'

" ' You're right, brother,' says Hob Gitam—Hob was the youngest. They all had names beginnin' with H. 'I can tan a deerskin better than an Injun squaw; I can wrastle underholt and overholt and throw any man in this county; I can plow a furrow as straight as Farmer Lee—but I can't sweep and dust. It takes a woman for that. We've got to get a woman.'

"Then they all joined in, sayin' what they could do—and what they

(Continued on Page 27)

*IF IT IS*

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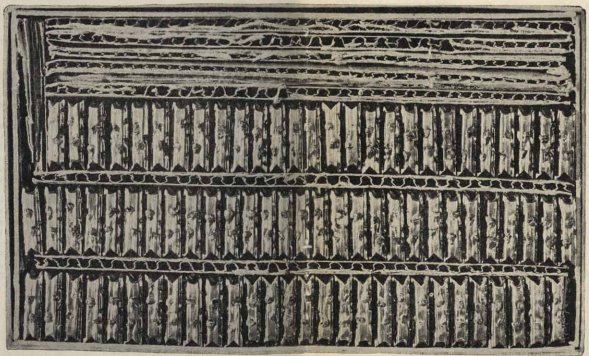
## A New Meyers Rip-Joint Tooth

Foerster Patent

Showing larger diamonds for ripping and smaller diamonds for jointing. Magnified nearly twenty times in size.



A set of 84 Meyers Rip-Joint Teeth after fourteen months of service, showing less than 35% loss in diamond weight.

The cutting faces of two Meyers Rip-Joint teeth after fourteen months of service. Magnified about twenty times.

The two teeth photographed above were not especially selected, but were merely picked from the box at random. A close inspection of the box will show that most of the teeth look just about the same as the two teeth photographed.

## MEYERS DIAMOND SAW TEETH

**Meyers Rip Joint Tooth**—for ripping and jointing in one operation, leaving smooth arrises.
**Meyers "Splint" Tooth**—for jointing, leaving sharp smooth arrises.
**Meyers ¾ karat Tooth**—for ripping and resawing.
**Meyers Six-Diamond Jointer**—for jointing.
**Meyers Three-Way Tooth**—for light ripping and jointing.
**Meyers Anderson Ripper**—for ripping.
**Meyers Drag Saw Tooth**—for heavy ripping.

While we feature the well-known "Splint" Tooth and the new Rip Joint Tooth, we manufacture any type of Diamond Saw Tooth used in the stone and marble industry; also Diamond Core Drills. Prompt and careful attention to resetting of teeth.

On theory and practical experience, we are convinced that there is no diamond tooth on the market, nor any substitute therefor, that can compare with the new Meyers Rip Joint Tooth, Foerster patent, in efficiency and low operating cost. If we had not had supreme faith in its efficiency, we should have never considered the purchase of the Foerster patents. Our basic patents already covered the use of two teeth in combination for ripping and jointing in one operation. The Foerster patents simply carried our ideas further by combining both ripping and jointing in one tooth.

The photograph above presents practical evidence of the remarkable service which these teeth can be expected to give. The teeth were photographed in the box, just as they were received by us, after fourteen months of actual service of ten hours a day. While the wonderful condition of the teeth is plainly seen, it may perhaps be more adequately appreciated from the fact that they show an actual loss of less than 35% in diamond weight.

Although there are numerous combination teeth of various make-shift types on the market, there is nothing else so basically practical as the new Meyers Rip Joint Tooth, made under the Foerster patents. Any operator who has used this tooth knows from experience that there never was a tooth made that approaches it in lasting qualities, speed in cutting, sharpness of arris, and smoothness of cut. Operators will be especially gratified to know that our manufacturing experience and facilities make it possible for us to produce these teeth at an exceedingly reasonable cost.

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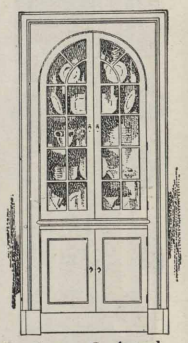

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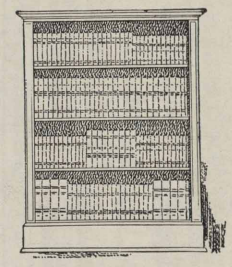

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# Wizard Rock of Baby Farm

(Continued from Page 23)

could do was a plenty—but they couldn't dust and they couldn't cook or wash clothes or make a house comfortable, because that was woman's work and they hadn't been brung up to it. So they had to get a woman to keep house for 'em. But where were they goin' to get her?

" ' We could git a hired girl, maybe,' says Hosea Gitam, the middle one—but there wasn't much hope in his voice. In our part of the country then servants was skeercer than they are now—and that's sayin' somethin'.

" 'That hired girl we had was the last one left in the East,' says Harry Gitam. 'Some may have growed up there since, but I don't want to go back across the Pass on the chance of it.' And they all sighed heavy and hopeless.

" 'Well, then,' says Hob Gitam, practical, 'there's just one thing to do. One of us has got to get married. And I think it ought to be Harry—he's the eldest.'

Well, that remark nearly caused a break-up in the family. Harry kicked like a cow in fly time at the bare idea of gettin' married, and tried to put it on Halbert, who was the next in line. And Halbert passed it to Harvey, but Harvey said women was snares and delusions, what little he'd seen of 'em, and he wouldn't have one around him for a brand-new plow.

"So it went down back to Hob, and he wouldn't hear of it—and it wasn't till a couple of chairs had been broken and Hob had a black eye that the ruckus quieted at all. But gradually they come to see that one of 'em would have to get married or they'd all be eatin' spoiled flapjacks all the rest of their lives. Only then the question came up again of who it was to be, and that started a bigger disturbance than ever.

"Finally they agreed that the only fair way was drawin' straws. So Hob held the straws and they drew—and Harry got the long one. Sick enough he looked about it—he didn't want to get married. But there it was and the others started congratulatin' him and makin' jokes—specially Hob.

" ' You'll have to slick up tomorrow,' says Hob, glad it wasn't him. 'You'll have to cut your hair and brush your clothes and act pretty if you're goin' to be a bridegroom.'

"Next morning they got him down and cut his hair and put bear's grease on it and dressed him up in the best clothes they had and sent him into town to look for a wife.

"The nearer he got to town the queerer he felt and the less he knew how to go about doin' what he'd promised.

"Finally he makes up his mind. 'I'll ask the first woman I see, pretty or ugly,' he says to himself, with the perspiration rollin' down his face, though it was a cold March day. And he gives his horse a lick.

"But the first woman he saw was the storekeeper's wife. And the second he saw was a little girl in a pinafore—and the third was the minister's daughter. Something came over him just as he was going to speak to her, so he couldn't—and that was the way it went. Finally, 'By the whiskers of

(Continued on Page 28)

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PHONE 375 FOR EVENING APPOINTMENT

# Wizard Rock of Baby Farm

(Continued from Page 27)

Moses!' says he to himself, 'this marryin' business is a harder job than I bargained for. I'll go over to the tavern and get me a drink and maybe that'll put some ideas in my head.'

"It was there that he saw her—feedin' the chickens out in the poultry yard. Her name was Lucile and she was a bound girl. Next door to a slave she was, for all she'd come of good stock and had some education. She was a thin thing with a sharp, little, wise sort of face and ragged clothes. Harry couldn't have said if she was pretty or plain, but as he saw her through the window, feedin' the chickens, somethin' seemed to tell him he might have better luck with her than he would with the others.

"Well, he drank his drink and went out.

" ' Hello, girl,' he said in one of those big voices men use when they're pretendin' they ain't embarrassed.

"She looked up at him straight. 'H e l l o, backwoodsman!' she said, friendly enough. She didn't look a bit scared of him.

" 'It's a nice mornin',' says Harry, louder, tryin' to lead up to his point.

" ' It is for some,' says the girl, perfectly polite, but goin' on feedin' her chickens.

" 'It'd be a nice mornin' to get married, they tell me,' says Harry, with the perspiration breakin' out all over him again.

"Well, she didn't say anything to that.

" 'My name's Harry Gitam,' he says. 'I've got a good farm up the valley.'

" 'Have you?' says the girl.

" ' Yes,' says he, 'and some folks seem to think I'd make a good husband.'

" 'Do they?' says the girl. I think she was smilin' by now, but Harry couldn't see it—she had her head turned.

" 'Yes, they do,' says Harry, his voice gettin' louder and louder. 'What do you think about it?'

" 'I couldn't tell on such short acquaintance,' says the girl.

" 'Will you marry me and find out?' says Harry in a perfect bellow and shakes all over.

" 'Yes, I will, if you don't ask me quite so loud,' she says, very prim—and now even Harry could see that she was smilin'.

"Well, they made a queer pair, they did, when they went up to the minister—the girl still in her chicken-feed clothes, for she didn't have any others, Harry in his backwoods finery. He'd had to buy out her time from the innkeeper for twelve fox pelts and a huntin' knife.

"But when the weddin' service was over, 'Well, we're married,' says he, 'and we're goin' home.'

" 'Oh, no we're not,' says she. 'We're goin' to the store first and buy me some cloth for a decent dress—for landless I may be and dowryless I may be, but I'm a married woman now, and what's fit for a chicken girl isn't fit for a married woman.'

"In a sort of daze he saw her lay out twelve more fox pelts on cloth and woman's things, and beat down the storekeeper on the price too.

"He only asked her a question about one thing—a little pair of slippers she bought. They were fancy slippers with embroidery on them. 'I thought you had a pair of shoes,'


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he says. She turned to him. 'Silly,' she said, with a cocky sort of look on her face, 'how could anybody tell your wife had pretty feet in the shoes I had?'

"Well, he thought that over for a while, and after a while, somehow the way she said that and the cocky look on her face made him feel pleased and he began to laugh.

"Then they drove back to the valley with her bundles. And all the way back she was tryin' him and testin' him and strivin' to find out with little remarks and such just what kind of a man he was. She was a spunky enough little girl, and educated some, as I say, and long ago she'd made up her mind to get out of bein' a bound girl the first way that offered. But all the same, marryin' Harry Gitam was a leap in the dark.

"But the more she tried and tested Harry, the better bargain she seemed to think she had made. Her hardest test came on her when she met the brothers.

"And when those six hungry-lookin' six-footers came clumpin' out on the porch to welcome the bride and bridegroom, Lucile got considerable of a shock.

" 'Who are those?' says she, lookin' 'em over. 'Hired men, Harry?'

" 'Them's my brothers,' says Harry.

" 'Oh,' says Lucile. 'You didn't tell me you had six brothers.' Her voice wasn't reproachful, just sort of soft and quiet.

" 'I guess it was the weddin' mixed me up,' says Harry. 'But there—you'll see enough of 'em anyhow, because we all live together here.'

" 'Oh,' says Lucile again, kind of soft, 'I see,' and the brothers comes up, one by one, and shakes hands. They'd intended to cut quite a few jokes on Harry if he did come home with a wife, but somehow when they looked at Lucile they forgot their jokes.

"Well, they brought her into the house. Lucile rubbed her finger along a window sill and saw it come off black, and then she wrote her name in the dust on the mantelpiece.

" 'What a lovely big house,' she says coughin' a little with the dust she'd raised.

" 'It's mebbe a little dusty now,' says Harry. 'But, now you're here—'

" 'Yes,' says Lucile, and passes on to the kitchen. Well, the kitchen was a sight, I can tell you. But Lucile doesn't seem to notice.

"Presently, 'What a great big jar of flapjack batter!' she says. 'And what a big tub of salt pork!'

" 'That's for tonight,' says Harry. 'Me and my brothers is hearty eat-


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ers. We haven't been eatin' so well since we've been cookin' for ourselves but now you're here—'

" 'Yes,' says Lucile, and passes on to the laundry. The laundry was half full of huckaback shirts and such that needed washing—piles and piles of them.

" 'What a lot of wash!' says Lucile.

" 'That's so,' says Harry, sort of pleased. 'Me and my brothers is kinda hard on our clothes—all seven of us—so there's lots of washin' and mendin,' but now you're here—'

" 'Yes,' says Lucile, swallowing a little, 'and now all you men clear out of my kitchen while I get supper. Clear out,' she says, smilin' at them, though she didn't feel like smilin'.

"I guess she had a sort of cry by herself, first thing, bein' a woman and everything. But then she found a clean handkerchief and blew her nose and straightened her hair and set about her work.

"Those boys hadn't had a supper like that in months and they treated it respectful. And Lucile didn't say a word to them about manners then, though later she said aplenty. She just sat and watched them, with a queer little light in her eyes.

"When it was over finally and they was stuffed, 'Mrs. Harry,' says Howard, 'you're a wonder, Mrs. Harry,' and 'You're sure a wonder, Mrs. Harry,' chorused all the rest of 'em, down to Hob. She could see they meant it too.

" 'Thanks,' she says, all pretty and sweet, 'thank you, Howard, and you, Hosea, and all my brothers.'

"At the end of two months there wasn't one of those boys that wouldn't have laid down his life for Lucile, and as for Harry, he just worshipped the ground she walked on. With all that work to do she got thinner and thinner and peakeder and peakeder, but she didn't complain. She knew what she wanted and how she was goin' to get it—and she waited her chance.

"Finally Harry noticed how thin she was gettin' and he spoke to her about it. 'Can't you ever sit down and rest, Lucile?' he says one day, watchin' her flyin' around the kitchen doin' six things at once.

"But she just laughs at him and says, 'I'm cookin' for you and your six brothers, and that makes work, you know.'

"Well, he thought that over inside

him, but he didn't say anything then. But he comes up to her in the laundry another time and dustin' the house another time—she was lookin' thinner each day—and asks her can't she rest a spell. The last time he brings his fist down on the table with a bang.

" 'This has got to stop!' he says. 'Me and my six brothers is wearin' you to skin and bone with our vittles and our shirts and the dust we track in the house, and I won't have it no more! It's got to stop!'

" 'Well, Harry,' she says, sort of low, 'if it's got to stop, it's got to—and pretty soon, Harry. Because I'm expectin', Harry, and a woman that's expectin' can't work like a woman in her usual health—though I've never complained.'

"Well, after he's got his sense, after hearin' that, he calls the whole family into consultation that evening and puts it to 'em plain. They'd do anything for Lucile by then.

"Well, she leads the conversation where she wants it, though she doesn't seem to, and finally they decide it's up to Halbert, the second oldest, to get married so his wife can take some of the work off Lucile's hands.

So next day, Halbert goes into town to look for a wife, all spruced up. But when he comes back, he's alone, and he looks dejected.

(CONTINUED NEXT MONTH.)

# Two Bedford Boys Killed in Automobile Accident, October 6th

Ernest Leslie Todd and Quincy Kern were killed on Sunday night, October 6th, about 11:00 p. m., in an automobile accident about two miles south of Bedford. Two other companions were injured in this accident.

Ernest Leslie Todd, age 17 years, was born in Lawrence County, Indiana and had lived in and near Bedford his entire life. He was the son of Mr. and Mrs. Walter Todd, 816 I Street, Bedford, Indiana. He was a graduate of the 1929 Class of the Bedford High School and played a very prominent part in the High School activities. He was especially good in athletics and played on the first team for two years holding down the floor guard position. At the time of his death he was employed as a clerk in the Mailing Department of the Indiana Limestone Company, and his sudden passing proved a great shock to his fellow workers, and to the community in general. He is survived by his father and mother, one brother Lowell of I. U. and a younger sister Mary Rose.

Funeral services for the two boys killed in this accident were held from the First Methodist Church at 2:00 p. m. Wednesday, October 9th. Impressive services were conducted by Rev. Joel Lee Jones, Minister of the First Christian Church and Rev. Clyde S. Black of the First Methodist Church. Pall bearers for Todd were the members of the 1929 Basket Ball Team and a double procession in front of the church carried the bodies to the Green Hill Cemetery where they were laid to rest in their last earthly resting place.

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# $25.00 for a DESIGN

***The Stonecutters and Carvers Union of the Indiana Limestone District of Lawrence and Monroe Counties will pay $25.00 in cash for the best design for a seal, as outlined in the following:***

I. Contest opens November 1, 1929. Closes January 15, 1930. Any person employed in any capacity in the Limestone industry is eligible to compete for the above mentioned prize.

II. One cash award of $25.00 will be made for the winning design subject to the clause that the design is original and can be copyrighted by the Union.

III. The design must follow a general plan, to be as follows: It must be circular in shape and be not larger than one and one-half inches in its outside dimensions; the name of the Union must be placed around the outside edge of the circle in letters not over 3-32 inch for capitals and not over 1-16 inch for others; horizontally across the bottom as near the inside of circle as possible must be left a small space where the word Bloomington or Bedford can be placed; the remaining space can be filled with any original design.

IV. All drawings must be submitted on a sheet of paper of standard letter size (11 in. x 8 1-2 in.) and the drawing shall be placed in the center of the page as nearly as possible. The name of the designer shall be placed in the lower right hand corner. When mailed, the sheet shall be so folded that there will be no crease in the design itself.

V. The judges will be composed of one member from each of the two Locals (Bloomington and Bedford) and one other person who is not a member of either local. The decision of the judges shall be final.

VI. All designs submitted shall become the property of the Stonecutters and Carvers Union to dispose of as they see fit. No design will be returned.

VII. All designs shall be mailed to Jas. C. Meglemre, Sec., 2109 Park Ave., Bedford, Indiana, not later than January 15, 1930.

## Getting Ahead Financially

By S. W. STRAUS, President American Society for Thrift.

Many persons excuse themselves from practicing thrift on the plea that they cannot save anything and maintain a good standard of living. While it may be true in some cases that temporary circumstances make it imposible to get ahead in the world, those instances are exceptional.

The old saying, "Where there's a will, there's a way," is particularly applicable in the matter of saving money. Those who do not save or who think they cannot are not fair with themselves. They are unwilling to make certain sacrifices. Their minds are biased by false pride or egotism. Their viewpoint is incorrect.

If they should think the problem clear through they would determine to find ways by which they could save something even though the amounts be small.

Upon one's ability to find such ways of saving money, depends very much of one's chances of success in life.

This is a phase of the matter that should be given the deepest consideration. Also it should be borne in mind that those who are not sufficiently interested in their own welfare to lay by a certain portion of their earnings for the future do not care enough about real success ever to achieve any substantial place in the affairs of men.

Before there can be success there must be a desire to succeed. And this desire must be so deep that it overcomes every barrier.

Students of economic conditions in this country tell us that poverty is steadily being eliminated through the processes of education. There was a time within the memory of many now living when dire poverty existed in every city if not in every community. The general standard of living has been steadily advancing for the last fifty years and conditions are such today that there is hardly a person anywhere who is not in a position to save money if he so chooses.

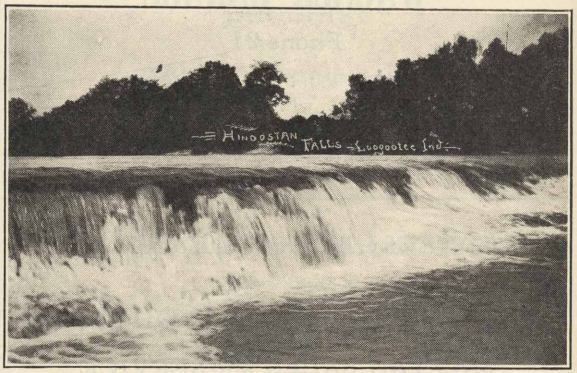
* * * * *

The wayfarer who goes through the Valley at night is greeted by the glare of light from the mill of the B. G. Hoadley Quarries Co., as a beacon of good cheer. This plant only stops Sunday and occasional repairs.

# Interesting Scenes in Martin County

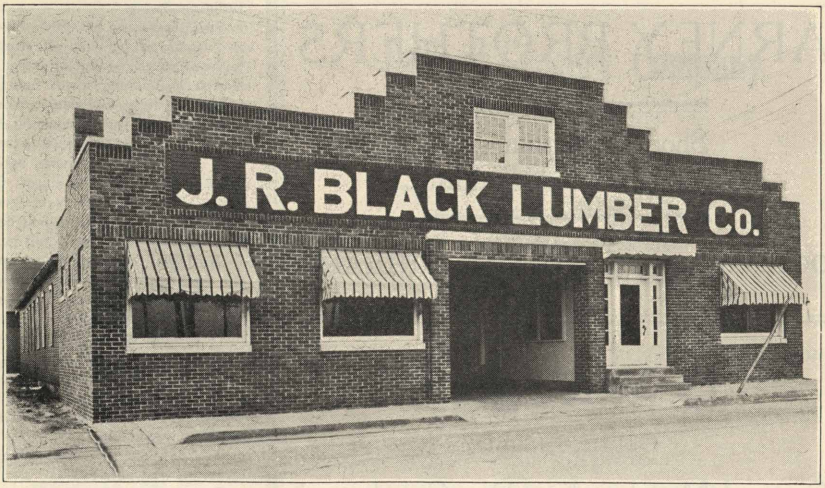
By CARLOS T. McCARTY, Shoals, Indiana

[ EDITOR'S NOTE: Halftones showing different scenes accompanying this article, through courtesy of The Martin County Tribune.]




AWAY back yonder, maybe millions of years ago, when the big ice sheet which covered central and northern Indiana melted away and the floods of water were loosed and started on their way to the Gulf they swept over southern Indiana and cut and carved their way through the earth and stone formations in a Titanic task of seeking their level in the ocean. As this flood passed over Martin county it exposed the massive Mansfield sandstone which underlays the greater portion of the county and carved many interesting and even grotesque monuments to its terrific power. The most interesting portion of this wonderful water sculpture is found along White river at Shoals and in its immediate vicinity. Here the waters left behind them such peculiar formations as the Jug Rock, Indiana's most photographed and best known stone formation. But the Jug Rock is only one of the hundreds of interesting features.

Continued on Page 36

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# OOLITIC

THE original town of Oolitic is situated three and one half miles north of Bedford, and is the cradle of the Oolitic stone industry, being surrounded by the most famous quarries of the world, the Dark Hollow quarries on the southwest, the original Hoosier quarries on the northwest, now known as the Walsh quarries, and by the way, this we presume is a tribute to the man, who put Bedford on the map, so that the name and fame of Bedford stone became universally known, because of the energy and untiring efforts of that great financier John R. Walsh; on the northeast, more sturdy pioneers, Perry Matthews & Buskirk, developed the P. M. & B. quarry, and almost due east we have the Peerless quarries.

Oolitic lies about two hundred feet below the city of Bedford, so it can truly be called, the cradle of the Oolitic Stone Industry, because from its immediate surroundings, where has been produced and developed, the famous Bedford stone, now known as Indiana Limestone, the "Nation's" Building Stone.

The population of Oolitic is about two thousand persons, all vitally interested in the stone industry. It is a strictly modern town, being supplied with light and power from the Interstate and water from the city of Bedford, the present school building was erected sixteen years ago. The exterior walls are built of Oolitic stone. This building is a credit to Shauswick township and will certainly return the investment one hundred fold. Three churches takes care of the spiritual life of the people, the Baptist, Methodist, and the church of Christ. The town would not be complete without the K. of P. Lodge, Odd Fellows, and Redmen, each of these lodges own their own lodge room.

Oolitic also has a good representation of business men, who keep their stock of goods and their stores up to date. Their display show windows interest all who pass by.

Two troops of Boy Scouts were organized last fall, and are meeting with success, in that they are still organized and receiving some support from the citizens. These are the boys who will be the future citizens of Oolitic, and we hope they will prove an asset to the town. But we must re-

# SECTION

member they need support and cultivation. Here is a wonderful opportunity for the people of Oolitic, so help direct and develop the real characteristics of the element of scouting into the life of the boys of Oolitic; your boy and my boy. Come on all the way through. Be a real Big Brother to the Oolitic boys.

* * * * *

"Oolitic, which is situated in the midst of the Bedford stone belt is not only the home of the stone quarries, but holds the distinction for which many cities and towns desire; it is the home of a writer of high class songs and ballads in the person of Winfred George. His song, "My Indiana Home" was written as a state song, but has become a national ballad and copies of it are to be found in every state in the Union, London, England, Mexico and Canada.

However, like all writers of high class songs, Mr. George does not receive the attention at his home as he does at other places, but he says that he must expect such.

He does not let the writing of songs interfere with his duties at the McMillen mill of the Indiana Limestone Company, and the hundreds of visitors of this mill are not aware of the fact that they are face to face with the man who wrote this song, which is used in many of the schools, but with all you will find him of a cheerful disposition.

He came to Oolitic during the Spanish War in 1898, attending the public schools at that place, graduating in 1901. He began writing verse during his school days and has a large collection of unpublished song ballads.

He wished to write a song in honor of the men who labor in the stone industry, to be sung at the Indiana Limestone Company's annual picnic, but could not get in touch with the proper parties. You will find him to be a quiet, unassuming man, hard to approach, with very little to say,

(Continued on Page 38)

Denmark produced 11,000,000,000 pounds of milk last year and exported all but 11 per cent. of it.

Use of automobiles or airplanes in the hunting of migratory birds is prohibited in the United States.

Established 1910

L. A. Smallwood
DRUGGIST

Complete Fountain Service

OOLITIC -:- INDIANA

"You always feel at home at Smallwoods"

Oolitic Taxi Service---Otto Cain, Proprietor
TELEPHONE 55
TAXI SERVICE NIGHT AND DAY

Gingo MEAT MARKET and GROCERIES

DeFord Grocery Company
Oolitic, Indiana
*GROCERIES AND MEATS*
*We specialize in Meats—*
*Fresh and Cured*

ELLSWORTH KING E. W. KING

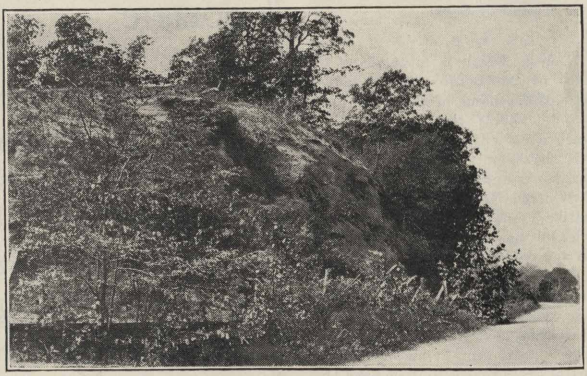
Oolitic Oil Co.
INCORPORATED
CITIES SERVICE OILS and GASOLINE
Once ═══ Always

# Interesting Scenes in Martin County

(Continued from Page 33)

The entire vicinity of Shoals abounds in them. Massive river bluffs, sometimes fronting the placid waters of the river, as does the Pinnacle, with its narrow point, scarce wide enough for two cars abreast, and towering two hundred feet above the waters at its base. A short distance up river from the Pinnacle will be found the House rock bluff, here the waters poured through a subterranean channel and left behind them caves of much interest. One of them the House Rock, is within a few feet of the highway, and to the rear of it, and said to connect with it by intricate passages, is the Acoustic Rock, a wonderful cavern. These caves, being in sandstone, are not so extensive as those of the limestone areas, but they are big enough to give one a thrill as the passage is made through them. Within a stones throw of them are the Mile Rock caves, digged by Nature herself in the sandstone bluff at the Mile rock. And hardly a half mile farther up stream is the wonderful and massive Cedar Cliffs, one of the greatest of all the sandstone bluffs. This enormous mass of sandstone is especially interesting to botanists as on it can be found growing many rare plants; there is the giant huckleberry, wild cactus, the rarest of native ferns. Some way when the floods swept over the face of the country it seems the summit of Cedar Cliffs may have been spared and its ante-glacial plants thus preserved. Then up the river again a couple of miles and McBride's bluffs confront one. But that is enough travel, getting too far away from town.

In fact it is not necessary to get



ONE OF INDIANA'S BEAUTIFUL SCENES—MARTIN COUNTY


## "Crowes Sell It For Less"

Sooner or later you will furnish or refurnish your home from one of our stores—Why not now?

**1st** You will like our merchandise for its high quality and low prices.

**2nd** You will like our generous easy deferred payment plan. Use the goods as you pay for them.

**3rd** Our deferred payment plan is confidential and no additional security required.

**4th** We do not discount or sell the accounts—you buy from us and you pay us.

CROWES

BEDFORD CROWES

BLOOMINGTON FURNITURE CO. Branch of Crowes

OOLITIC CROWES

---harvest rich fall and winter scenes

.....with your kodak and then store them in an **Eastman Kodak Album.**

Wiles Drug Company

— THE KODAK STORE —

CUT PRICES ON DRUGS

East Side Square, Phone 2411, Bloomington

away from the town to find the sandstone and bluffs. The town itself is builded on a river bluff that drops sheer down to the water's edge; and the high school building and gymnasium stand at the end of this bluff with a wonderful view on the river taking in the Pinnacle, the House Rock, Cedar Cliffs and many interesting sights. And when one has crossed the flood plain left just below town a short distance of less than a mile, one is at Gormley's bluffs. The chief attraction here, after the wonderful massiveness of the bluffs has been noted, is the intricate and even delicate water carving. The beautiful honey comb effect that the waves lapping against the bluff produced in those eons long past gone. And one must never forget the Spout Spring, that crystal clear stream pouring out from the base of the bluff and bidding the traveller along Federal highway Fifty stop and regale himself with deep draughts of Adam's ale.

To the stone man however there are other features in the sandstone of Martin county which probably ap-

(Continued on Page 41)

THE FAMOUS JUG ROCK—MARTIN COUNTY, INDIANA

The Bedford National Bank

BEDFORD, INDIANA

W. A. Brown, Pres. W. E. Clark, V.-Pres.
R. C. Sowder, Cashier

*Directors:*

W. A. Brown Wm. F. Brooks
W. E. Clark John A. Rowe
George W. McDaniel

We Pay 3%
On Time Deposits

Square Deal Tire Service

806 E. 16th St. - Phone 74
Bedford, Indiana

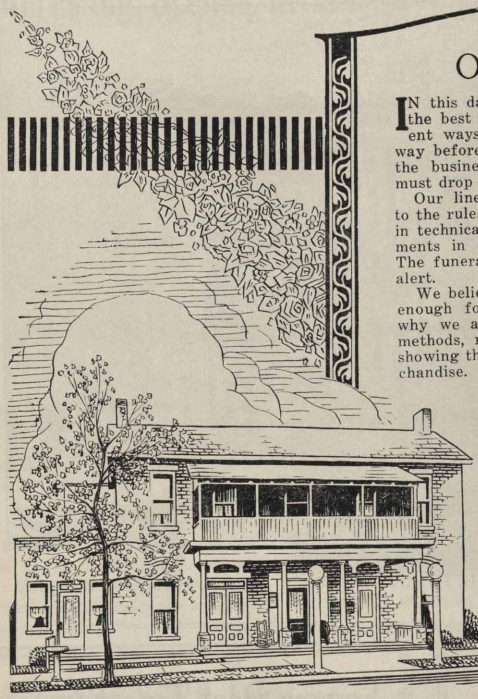
THERE IS NO BETTER TIRE MADE THAN THE U. S. ROYAL CORD

ROYAL CORD, PEERLESS AND USCO CORD TIRES—ALL UNITED STATES MADE

STERLING AND A-C DAYTON RADIOS

Diehl Richardson

VULCANIZING BATTERY SERVICE



## Only The Best

IN this day and age, people insist on the best of everything. Old, inefficient ways of doing things must give way before the march of progress, and the business which cannot keep pace must drop out of line.

Our line of service is no exception to the rule. There are constant changes in technical methods, constant improvements in equipment and merchandise. The funeral director must keep on the alert.

We believe that only the best is good enough for this community. That is why we are constantly improving our methods, renewing our equipment and showing the latest developments in merchandise.

**PHONE 4270**

Compliments of

**ALLEN FUNERAL HOME**

*"An Institution with an Ideal"*

**212 SO. WALNUT ST.**

**BLOOMINGTON, IND.**

## Oolitic Section

(Continued from Page 35)

but can see the beauty in anything that is beautiful.

Here is one verse of a song Mr. George has dedicated to the quarrymen:

**Song of the Quarryman**

A Poem—By One of Them.

All honor to the master hand that wrought
Grace and beauty from out the stubborn stone,
For you are they that carve a lasting name
And by your work all o'er the world are known.
In bold relief the savage lion stands,
Or the eagle with his pinions spread,
Here a twining vine, or there a rosebud gay,
Or some inscription by multitudes are read.

Your Photograph

It is something quite individual, a gift to your friends that is unmatchable because it is a bit of yourself.

Our studio is equipped to give you service at any time by appointment and a look at samples of our work will convince you that we can please you.

We are now doing advance Christmas work.

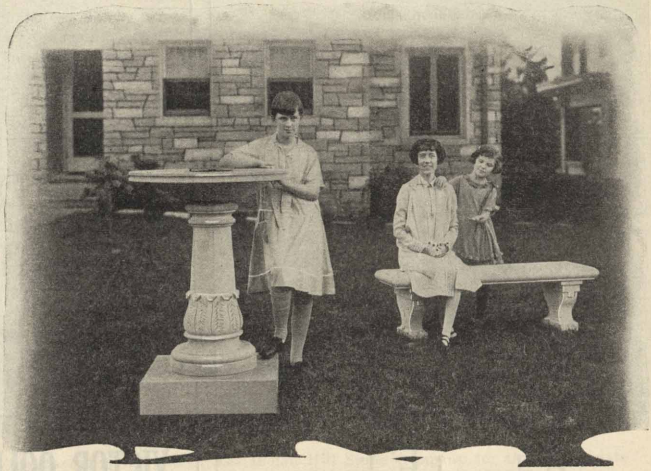
**CALL 753-W FOR APPOINTMENT**

The Long Studio

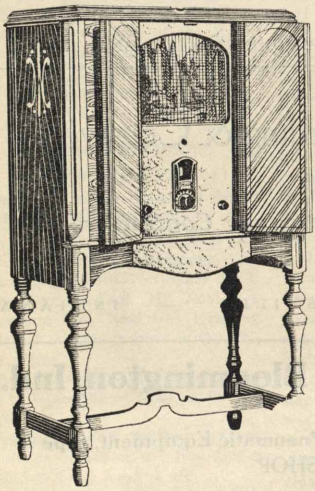
East Side Square Bedford

# The Rowe-Hansen Art Studio

The John A. Rowe Monumental Works, Bedford, Indiana, of which Burton E. Hansen is proprietor, is turning out exceptionally fine monumental and carved work. The beautiful picture on this page gives an idea of the character of Mr. Hansen's work. He is an artist in designing, carving, sculpture, etc. His plant is well equipped for all classes of turned work, and nothing but the highest grade stone is used. Any lawn or garden may be made homey and attractive by a few pieces from the Hansen Studio—urns, seats, sun dials, bird baths, flower vases, figures, fountains, grave enclosures, lawn rollers—most anything in stone you may name. The business is confined to wholesaling and extends throughout the states and Canada.



Lawn Furniture by Burton E. Hansen, Bedford, Indiana

Philco
Balanced Unit
Radio
Is the SENSATION
of the Year.

Hoosier Hardware Company

North Side Square Bloomington, Ind.

SHAWNEE STONE CO.

BLOOMINGTON, IND.

INDIANA LIMESTONE

BLOCK SAWED CUT STONE

**John A. Rowe Rustic**

MONUMENTAL WORKS

**BEDFORD, Ind.**

Stone Mantels—Carved Panels
Cemetery and Lawn Furniture
Memorials of Limestone—Statuary

BURTON E. HANSEN, MGR.

BEDFORD -:- INDIANA

**EMPIRE STONE COMPANY**

**Sawed**

Indiana Limestone

Main Office: Bloomington, Indiana
Chicago Office: 33 S. Clark Street

BEDFORD
CUT STONE CO.

BEDFORD, IND.

Since '97

Edward Edinger

CUT STONE CO.

Plant Office

BEDFORD, IND.

Main Office: CEDAR RAPIDS, IOWA

**VICTOR OOLITIC STONE CO.**

**VICTOR, Ind.**

In the Heart of the Oolitic Belt

*"Superior Buff" Oolitic Limestone*

BLOOMINGTON, INDIANA

**INDEPENDENT LIMESTONE CO.**

**Bloomington, Ind.**

Producers

"NORRAY" BUFF "PENNEL" GRAY
"RAYTON" VARIEGATED

New York Office 722--723 101 Park Avenue

Harding & Cogswell

*- Cut Stone Contractors -*

ELLETTSVILLE — INDIANA

**SEWARD & CO.** ESTABLISHED 1821 **Bloomington, Ind.**

JOBBERS OF

**Mill Supplies, Tools, Industrial Hardware, Pumps, Pneumatic Equipment, Pipe**
**FOUNDRY and MACHINE SHOP**

BLACKSMITHING, WELDING AND GENERAL MACHINE WORK
ALSO STONE SAW AND WOOD SAW SERVICE STATION

MANUFACTURERS OF THE
SEWARD UTILITY DIAMOND SAW

"THE SECOND HUNDRED YEARS
ARE ALWAYS THE BEST"

The above Tympanum was cut and carved in the mill of The Indian Hill Stone Company for the Immaculate Conception Church, Germantown, Pa., Architect, Paul Monahan.

# Ledge-Quarries-Mills

(Continued from Page 12)

The wayfarer who goes through the Valley at night is greeted by the glare of light from the mill of the B. G. Hoadley Quarries Co., as a beacon of good cheer. This plant only stops Sunday and occasional repairs.

* * * * *

## Tribune Mill Items

(Continued from Page 11)

of the night school classes in drafting at the local high school.

Mr. and Mrs. Holland Neal announce the birth of a daughter, Virginia Carolyn, born, November 22nd, at the City Hospital. Mr. Neal is a cutter and Mrs. Neal was formerly employed as stenographer in the Tribune office.

Elmer Atwood, Head Car Blocker, went to Louisville on business for the company.

Rooksie Goodall, cutter, had the misfortune of having the first finger on his left hand mashed off.

Ray Inman has returned from Milwaukee where he attended to business for the company.

* * * * *

ADDITIONAL SHOP NOTES
to be found on Page 46.

# Interesting Scenes in Martin County

(Continued from Page 37)

peal more than do the picturesqueness and the beauty of the bluffs. These are its utilitarian features. The sandstone has been given the biting test of time and use and its adaptability to building is free for all to see. Along some six or eight years before the civil war the Ohio and Mississippi railway was constructed to connect the Ohio river at Cincinnati with the Mississippi at St. Louis. The line is now owned and operated by the B. & O. railway company. At Shoals it became necessary to bridge White river. On the eastern bank of the river the native sandstone furnished a natural abutment for the bridge, in the river two large piers were built of the sandstone, and on the west side an abutment of similar material was constructed. These stone structures today are in use in as good condition as when built. But there is an older bridge than these. Along about eighteen hundred twenty three there was much internal improvement in the young state of Indiana and highways were built with a view to developing the country. One of these, the road from Louisville to Vincennes, now Federal road One Hundred Fifty from Louisville to Shoals where it intersects with Federal road Fifty and continues on to the Pacific coast, passed through Martin county. Some eight miles east of Shoals there is a creek which must be bridged by those road builders of more than a century ago. They bridged it, making a stone culvert, and using the sandstone from the hillsides for their work. Today a splendid concrete road passes over that same bridge and the traveller finds it just as solid and just as good as when it left the builder's hands nearly six score years ago. Father Time himself has tested the stone. He has tested it in buildings in Shoals, and it has never proved wanting. It is available in any desired quantity and in a myriad of colors. It is a harder stone to work than oolitic stone, but it yields readily to the stone mason who knows how.

There is a softer sandstone in the county, found in many places, which has been used to produce glass sand.

(Continued on Page 46)

# Griffins---Finest Ever Shipped by Indiana Limestone Company

Carving on the British Embassy Building, Washington, D. C., Sir Edwin Lutyers, Architect; the carving was done by the following men of the Indiana Limestone Company: Wesley Farmer, Harley D. Clark, Jos. Slinkard and Mr. Van Dike. Models made in Brussels, Belgium. Cut Stone Contractor, Indiana Limestone Company.

## A French Creation of the Tenth Century

(Continued from Page 6)

They don't know what a "kick" there is in good old fashioned honest ignorance! If one knew every thing, "the whole works," one would be like the king who wept because of having nothing to do—"no more worlds to conquer." But—you get what I mean. There is a kick in ignorance. It was a lucky strike when I bumped into Freddie Baugh, the genial and courteous head draftsman of the Thompson Stone Company. He knew by the way I was acting and my facial expression that something was wrong.

He says to me, "what the heck's the matter with you Jim—pace'n up and down Broadway (in Ellettsville) like that."

"Well", I says, "I've got a picture of the dickens in my pocket and I don't know what to do with it."

I handed him the picture and told him to "try that on your piano."

"Wa-i-t-a-minute," says Freddie. "I think that's a grotesque created by the French, in the 10th century. I'll look it up for you," he added, and he wasn't a bit "chesty" about it either.

In about an hour he handed me the history of this grotesque figure—thanks to Freddie for real service. "History of Architecture and Ornament" tells us that, "the human figure introduced as a decorative motif was carried out to the highest state of perfection in the French style, as may be seen in the great doorways of Notre Dame, Amiens and Reims, and also in the nichs and tabernacles that characterize the facades and portals of Notre Dame, Chartres, Reims and Amiens. The introduction of fierce grotesque figures at the angles of towers and as gargoyles or water spouts, characterized the French style. These grotesques represented imps and devils of the infernal regions, or consisted of a weird

# Bowling Tournament

On Friday evening October 18th, two bowling teams from the main office of the Indiana Limestone Company, at Bedford, engaged in a three game series.

These two teams: "The Accounting Department Bears" led by the doughty Frank "Punch" Judah; and "Webster's Wildcats" headed by Fred "Allstar" Wampler met at 5:30 P. M. and motored to Tarry Tavern, 5 miles south of Bedford, where they enjoyed a wonderful chicken dinner.

Upon their return to Bedford they repaired to the Modern Recreation Bowling Alleys and at 8:00 o'clock engaged in a red hot three game contest. The wildcats were behind 80 pins after the first tally, but came back strong to win the next two games by a plurality of 8 to 10 pins respectively.

| Wildcats | The Lineup | Bears |
|---|---|---|
| F. Wampler | | F. Judah |
| P. Becker | | M. Toole |
| W. Webster | | C. Kasch |
| D. Lunn | | R. Johnson |
| E. Lunn | | A. Patton |

The last two games were especially hotly contested and it appeared to be any man's series until the last ball was rolled. Quite a crowd witnessed these two games and there was much cheering and good-natured bantering on both sides.


*TO OUR PATRONS AND FRIENDS*

We are now in position to replace wood in your automobile, straighten your fenders and repair bodies; replace your windshield and body glass; repair your old top or replace it with a new one; repair your curtains and cushions.

Upholster your furniture, etc.
*The Old Reliable Top Shop*

**ADAMS & BUNGER, Proprietors**

111 West 7th Street — Phone 5724
First door East of Post Office — Bloomington, Indiana

GLOBE
**GLOW-BOY**

Thousands of up to date folks have adopted Glow-boy, the better parlor furnace, because he does such a splendid heating job at such a low cost. For clean, even heat all over the house, upstairs and down, pin your faith to Glow-Boy. Good looking, yes! But his looks are his smallest virtue. When he turns chilly rooms and drafty halls into comfort spots, then is the time you will glow with pride of possession.

**THRASHER BROTHERS**
SOUTH SIDE SQUARE — BLOOMINGTON, INDIANA

**Wrecker Service and Repairing**

DAY and NIGHT

**BRYAN SPARKS**

Fourth and Rogers — Bloomington, Ind.

Phone 5916

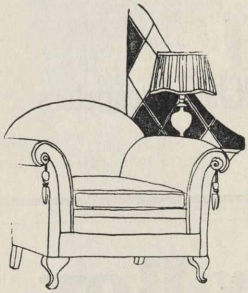

combination of animal and bird forms typifying both evil and good influences.

"These figures may be seen around the upper part of the towers of Notre Dame. These hideous creatures were not prominent characteristics in the early Christian period, but were introduced mostly in the 10th century, during the general panic that was caused by the belief that the end of the world would come in the year 1000. The object of introducing them is supposed to have been to excite a religious influence by inspiring terror in the heart of the wrong doer and thus urge him to repentance."

This sketch, similar to the figure perched on one of the towers of Notre Dame, has an attitude as if watching for his alloted victims at the day of Judgment. Our crime wave in this country, day and age, seems to be a light matter compared to the wickedness and crime of the 10th century. The good citizens of that day must have been desperate for a means to control the mass—especially the rabble—when they resorted to the carving in stone, of the images of devils and placing them in conspicuous places in the hope that the wicked, on viewing them, would pause and ponder o'er what might happen to them on the day of Judgment.

There seems to have been a great change in folks since the French created this grotesque figure. Superstition and fear seems to have been banished. Indeed, it would take far more than a hideous looking "bird" like this to throw a fit of fear into the 1929 sinner. I venture a guess that if this grotesque figure were perched on the tower of the Student Building of Indiana University, the students, during one of their rounds of searching for cause and effect, would surely spy this grotesque dude, and straight way decide that he was the cause of bad lessons, therefore the grotesque must be removed from the tower and presented to the department of archaeology for a thorough investigation.

# Consider Your Home Needs Now



There is indeed a new trend in the furniture styles of today. No longer are home furnishers satisfied with ordinary things. They seek pieces that actually combine beauty with solid comfort. Your own observations will determine just what changes your home needs and now is certainly the time to choose fashion's newest. Our displays are unusually complete and we invite your comparison of our values.

**J. R. McDaniel & Company**

North Side Square Bloomington, Indiana


## Safety Work Brings Results

(Continued from Page 3)

| | | | | |
|---|---|---|---|---|
| Nat'l-F. | —— | 0 | 0 | — |
| Pitts | —— | 0 | 0 | 0.00 |
| Smith-R. | —— | 0 | 0 | 0.00 |
| University | 23,918 | 7 | 1 | 4.13 |
| Worth'gtn | —— | 0 | 0 | 0.00 |
| Total | 32,087 | 13 | 3 | 9.35 |
| Total QY. | 165,505 | 38 | 11 | — |

We trust that this information is of interest not only to the employees of the Indiana Limestone Company, but to every reader of the article.

Every one should contribute to the Safety work in general which will add greatly to the results that can be accomplished.

* * * * *

### The Long Studio of Photography

By reason of the fact that the photographic work of Walter J. Long, of Bedford, is A No. 1 in every respect, we have chosen him as the official photographer of Lawrence county for Quarries and Mills.

The Long Studio, east side of the square, embraces the finest equipment for high class photographic work that the market affords, and under the direct management of a man of Mr. Long's ability there can be but the one result—the highest grade work.

For four years the Bedford High School Annual, with the Long Studio as official photographer, has carried off the state honors, two of these


**Hupmobile and Whippet**

**SALES and SERVICE**

The new 1930 models represent wonder values. We will be pleased to demonstrate these cars, and quote you the new low prices.

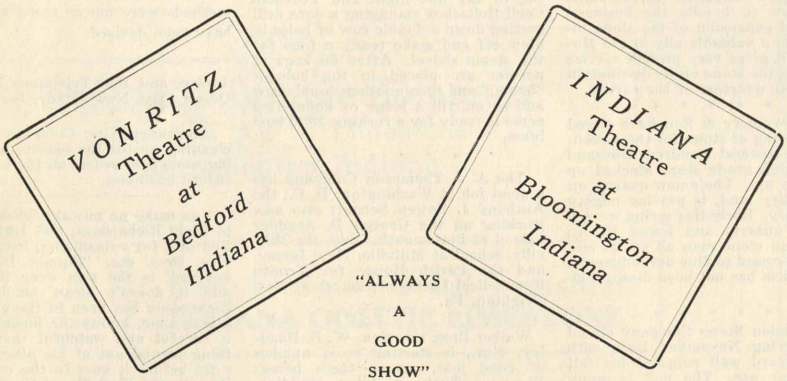
Our service department is manned by efficient mechanics and they will be glad to render you any service necessary on Hupmobile as well as Whippet.

BUNGER BROS.

Bloomington, Indiana

316 South Washington Street Phone 3878

# The Show Places of Southern Indiana




**Vonderschmitt AMUSEMENT Enterprises**


years being all American.

Mr. Long was a student in the Bissell College of Art, the largest in the world, where the foundation of his successful career in his chosen avocation was laid, and this technical training augmented by seven years of experience places him in the highest class of photo, portrait and commercial field work.

* * * * *

## Expansion of Indian Hill Co.

The steadily increasing volume of business of the Indian Hill Cut Stone Company has necessitated the erection of a large addition to their mill. The business was organized in 1924, with C. T. Hagan, President, who resides at Bloomington; C. J. Hagan, Vice-President, and James A. Hagan, Secretary-Treasurer, both residents of Chicago. The mill, as originally constructed is 500 feet long by 100 feet wide, substantially built. The machinery is all modern and embraces six gangs, ten planers, one milling machine, three diamond saws, two large cranes, and a well equipped machine shop.

The new addition is 150 feet in length and the same width as the old mill. A new crane, new milling machine, diamond saws and planers are being added in the new structure, making the plant altogether one of the largest independent mills in the oolitic belt. A new stone office building, 30x46 feet, with fire proof vault to safeguard blue prints, plans, etc., is just being completed. The office is two stories, the upper part being used as a drafting room.

The Indian Hill Company is widely known among the architects and building trades as one of the largest and most dependable cut stone contractors, careful and punctual in delivery. They maintain their own carvers, finest obtainable, as a means of producing the most accurate effects from designs and models.

The plant runs day and night, under the personal supervision of Chas. McHenry, employing a large force of experienced men, and it is an open secret that the Indian Hill is one of the most efficient organizations and highest in production in the field.

* * * * *

## Shawnee Stone Company Awarded Big Contract

**Seven Hundred Car Loads to Restore Relic of 1903 World's Fair.**

The Shawnee Company has just been awarded the largest single contract for Indiana Limestone ever secured in Chicago. The stone is to be used in restoring the Fine Arts building, a relic of the World's Fair in 1903, and the only building now standing. Seven hundred car loads of stone will be required.

The selection of Indiana limestone as the material that is to be used in the restoration of this classic and historic building is but another substantial testimonial of the merit and stability of this universally known material.

At the conclusion of the Exposition, the buildings were one by one demolished. In a very short time all traces of this world wide Fair, visited by millions of people from all over the world, had, with the exception of the Fine Arts Building, disappeared. This classic building remained, the Fair Grounds becoming Jackson Park, Chicago's beauty spot.

The Fine Arts building was used for several years to house the Marshall Field collection, but when Mr. Field built the Field Art Museum, the Fine Arts building was abandoned.

The building then stood, as a sort of nightmare to the community, and would have been destroyed, but for the provision of funds, five million dollars, by Julius Rosenwald by which is made possible the restoration of the structure.

The restored building is to be richly ornamented in elaborate carving which will be done in the mills of the Shawnee Stone company under supervision of Harry Donato.

Mr. Torphy, President, of the Shawnee company, states that they have already started preparation of working drawings and in a very short time the mills will be producing and shipping the finished stone. Some seven months will be required to complete the work.

Select gray stone has been chosen and the Shawnee Stone company announces that the order for the rough blocks has been placed with the Indiana Limestone company, the stone to come from the well known Dark Hollow quarry.

Graham, Anderson, Probst & White, of Chicago, are the architects and the R. C. Wieboldt company, of Chicago, are the general contractors.

Located in Jackson park amid beautiful surroundings, the Fine Arts building when completed, will be one of the outstanding buildings of the world.

# THIS will thrill you!

**Big, plump, close-textured, home-made-like loaves right smack out of the oven. . . . That's why every Butter-Krust-er always asks for Butter-Krust by name . . . for hot, brown toast, for nice, moist sandwiches, for smooth-cut slices spread with golden butter. . . If, by any chance, you've never had this fine, fresh, homey loaf, be sure to ask for it by name . . . today . . . sure!**

Made by an
Indiana Company
for Indiana People

MODEL BAKING CO.
Incorporated
New Albany and
Bedford

**Butter-Krust**
MADE WITH MILK

# AUTOMATIC TRAIN STOP

## LATEST TRAVEL SAFETY DEVICE

### *Monon Route First and Only Line Between Indianapolis and Chicago to Install This Marvelous Safety System*

Automatic Train Stop, the latest travel safety device, has been installed and is now in operation on the MONON ROUTE over its entire line between Indianapolis and Chicago.

This device, electrical in operation, is installed in track and engine, and is synchronized with the Automatic Block Signals. It endows the Automatic Block Signal with power to enforce its commands. Heretofore, the Automatic Block Signal, sometimes called the "silent sentinel," has had power only to warn the engineman. Now it has power not only to warn him but actually to stop him. Should the engineman fail to see and obey the warning signals, the Automatic Block Signal, with the new power conferred on it by Automatic Train Stop, takes the control of the train out of the engineman's hands and stops it.

With this latest safety system in constant operation, you ride secure in the knowledge that the possibility of human error no longer constitutes an element of risk in travel.

This latest safety system is for the protection of our patrons. It is the result of over twenty years of extended research on Automatic Train Control. It protects the train upon which you are traveling on the darkest night or in the thickest fog. It helps to bring it in on schedule time. It is also of benefit to shippers and buyers, especially in the transportation of perishables, live stock and valuable merchandise.

Although both the Automatic Block Signal System and the Automatic Train Stop System have been installed between Indianapolis and Chicago at a large expense, not a penny has been added to the railroad fare nor to the cost of freight shipments.

The introduction of these marvelous safety systems is typical of the MONON'S progressive policy to give to its patrons the best that is available.

When you travel between Indianapolis and Chicago, do as most people do—travel on the

**MONON ROUTE**

CHICAGO, INDIANAPOLIS & LOUISVILLE RY.

Scottish Rite Cathedral,
Indianapolis, Indiana
Indiana Limestone
finished and furnished by
Matthews Brothers Co.
Bloomington, Indiana

# CHARACTER

How significant, indeed, was the choice of Indiana Limestone for the new Scottish Rite Cathedral of Indianapolis. The tenets of Masonry and the qualities of stone each typify genuineness—Character. . . . . We acknowledge pride in citing this edifice as indicative of the character of our ability to fabricate Indiana Limestone for some of the Nation's noteworthy architecture.

**Matthews Brothers Company**

18 PIONEERS 62 ∵ ∵ ∵ Bloomington, Indiana

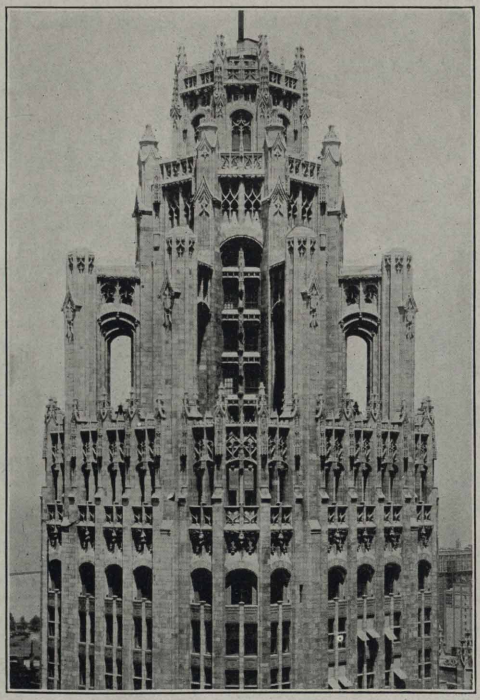
Indiana State Library, State House

# Quarries and Mills

INDIANA OOLITIC LIMESTONE INDUSTRY

--PUBLISHED MONTHLY--

Tribune Tower---Chicago



Indiana Limestone---from Quarries Indiana Limestone Company

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December...1929
VOLUME ONE NUMBER SIX

# *Loyalty*

is not only a fine trait of character but is more and more recognized as an absolute necessity in employees and one of the most highly prized attributes of personal friendship.

A man who is not enthusiastically loyal to the firm he represents and to its product is not living up to his possibilities.

We read that it is the last 2% that counts. Several of the world series baseball games last fall were 98% won by Chicago and then lost through inability to deliver the last 2%.

The faintest lack of loyalty will count more than this 2%.

How many of you who read this advertisement owe something in dollars and cents to the Indiana Limestone industry?

Does your loyalty to this industry chalk up 100%? Do you boost Indiana Limestone at *every opportunity?* Do you use it whenever possible in your home, in your store?

Do not forget that every additional cubic foot of limestone sold benefits the industry; benefits your home town; probably puts more money in your own pocket.

**[ .....think it over ]**

*General Offices:* BEDFORD, INDIANA

*Executive Offices:* TRIBUNE TOWER, CHICAGO

***The* NATION'S BUILDING STONE**

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# QUARRIES AND MILLS

INTEREST : INDIANA : OOLITIC : LIMESTONE : INDUSTRY

PUBLISHED MONTHLY BY W. B. HARRIS & SON

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VOLUME I ELLETTSVILLE, INDIANA NUMBER 6

# President Hoover Calls Captains of Industry

IN the face of the facts that for the past year or more many men throughout the land have been out of employment; that there have been sharp declines in the construction of residential and business property for many months; that unemployed labor in on the ragged edge, and that Wall street gambling has been the "craziest" in its history, and various other contributing causes to produce quiet business conditions, President Hoover on November 16th issued invitations to the prominent managers of large industries to meet him at the White House for conference. With one accord the big men have responded—railroad presidents, bankers, constructive contractors, employers of millions of labor and factory men, leaders of labor, all of whom have given assurance to President Hoover that they will put forth every effort to speed things up.

Twenty-five years ago such financial gymnastics on Wall street as have occurred the past few months would have shaken our commercial foundations out of joint, with a distressing panic the result. But not so now. The country is too big. New York is only an incident. The confidence of the country is not even shaken. All that has happened is the tightening of money throughout the country, and the landing of several unfortunates in the penitentiary who used the bank's money to play the market and lost.

While it is perfectly clear that the rises and breaks in the stock market are practically negligible as a force in the prosperity of the country, temporarily these conditions have some influence, but they do not make values. The confidence of the country has not been shaken, and a gradual revival of business is assured.

The trouble is not Wall street. It is a reaction of the excessive impetus to building and production after the World war. We have been over built. The same conditions followed the Civil war. A panic was the result then. All the money was in Wall street. Not so now, and instead of a panic we have "weathered the storm" and are headed toward prosperity. The thousands of men who have been out of employment will require time to get on their feet, and then another period of home building will come. But that will require time.

The unanimity with which the big men—the leaders of our commercial structures—have promised to put their shoulders to the wheel, shows their greatness, and that means a big boom for 1930. With labor all busy the farmer will also get what's coming. Labor can't buy unless it has the wherewithall. That's the whole story.

By order of President Hoover, all government agencies in Washington that control government work are to take steps to speed up this work. This order applies to public buildings, river and harbor work and building of highways where the government is in partnership with the states.

The treasury department already has reported to the President that the public building situation will receive attention at once. Many important contracts for public buildings are about ready to be awarded. Wherever possible, the time for making these awards will be advanced. With respect to rivers and harbors, whatever can be done to maintain activity throughout the winter, the President has been assured, will be done.

The business public has voiced its unqualified approval of the statement which President Hoover issued announcing his intention to call out the prosperity reserves.

Accomplishments of the President's plan for speeding up business may be listed roughly as follows:

1. The federal government, the states and the larger municipalities are generally committed to the effort to make things hum in the next year.

2. Railroads, regarded as one of the best indices to business conditions will make heavy purchases of equipment in the near future and will push construction work forward.

3. The federal reserve system will exercise its nation-wide power in the financial field to make money for use in legitimate enterprises cheaper.

4. The federal government's building program, with the consent of the congress, will be increased by $175,000,000.

5. Through the co-operataion of the postoffice department and the United States shipping board, a merchant ship building program will be laid out. This building project will go forward under recent legislation which authorizes the government to support the building of merchant ships that are to be employed in carrying United States mails in addition to their regular employment as merchant carriers.

6. The United States Chamber of

(Continued on Page 6)

The B. & O. merger folks laid down when the stone operators and business men of the Oolitic field, and the state as a whole opposed the measure. Another important battle against the Baltimore O'Mera Interests, before the Interstate Commerce Commission is on. See page 11.

# Safety and Welfare of Company Employees

By FRED E. HATFIELD, Safety Engineer, Indiana Limestone Company

THE fact that all but four states of the Union have in effect workmen's compensation laws, reflect in a very pronounced measure the concern the states have in those who subject themselves to hazards of the employment in industry.

By recognition of work injuries as a social problem, and the subsequent enactment of laws to compensate those who are injured in industry, it becomes evident that the states have manifested interest in the welfare of its workers.

Likewise, our company is vitally interested in the general welfare of its employees. All possible mechanical guards and safety equipment is furnished by the company to prevent accidents. It is a recognized fact that a large percent of accidents are preventable and that it is possible to operate stone mills and quarries at a greater reduction of accidents than prior to the taking up of the Safety work four years ago in our stone industry.

Fifteen of the twenty-five Cut Stone plants and eleven of the fourteen Quarries being operated by the Indiana Limestone Company did not have a lost time accident during the month of September, 1929. And as a further evidence of the fact that it is possible to operate without accident we wish to submit the following from our accident records: From January 1st to September 1st, 1929, Walters Mill operated the full time with but one accident necessitating loss of time, this being an eye injury to a stone cutter with two days loss. Wearing of goggles would have prevented this. Blue Hole Mill, 1; Salem, 2; Brooks, 2; Purdue, 2; Rowe, 2; Dugan, 3; Black Diamond, 3; Hoosier, 3; McGrath, 3; Donnelly, 4; Dickinson, 5; Struble, 5; Whiting, 7; Shea, 7; and McMillan, 7.

McDoel, 1; Bloomington, 2; American, 3; Bowman, 8; Indiana, 7; Tribune, 10. Highway and Nolan Shops, no accidents.

Responsibility for accidents and accident prevention can be allotted between management, foremen and employees. First, it is the duty of the management to provide efficient working machinery tools and equipment, maintain safe and healthful working conditions, curtail accidents, adopt rules and regulations, and see that the employees live up to them. Second, it is the duty of the foreman to instruct the new man not only how to do his work, but how to do it safely; to instruct all employees in safe practices and safe methods, to eliminate reckless conduct by employees in the performance of their work, to require strict obedience to Safety rules, and to enforce rigid discipline. The foreman who does not do these things is a menace to the lives and health of those for whom he is responsible and to the economic status of his employer. Third, it is the duty of the employee to obey instructions, respect all Safety rules, practice the safe operations of his job, and to remember that the safety of others is dependent largely upon his conduct.

Our Safety Organization consists of safety committees and inspectors composed of employees. Meetings are held monthly in each mill and quarry and committees are changed at intervals until practically all of the regular employees have served on the Safety committees. All accidents are investigated to determine the cause, and steps are taken to prevent recurrence.

Any person who saves another person's life or prevents accident causing personal injury, is a hero.

The Safety field does not hear nearly enough about its heroes. There are daily deeds being done where lives are saved and accidents prevented through Safety training by those who are practicing and living up to the highest ideals of the Safety Movement which, indeed, are the highest ideals of human achievement.

* * * * *

## Industrial Accidents

Indianapolis, Dec. 3—A total of 40,931 industrial accidents, an increase of 3,217 over the preceding year, were reported to the Indiana industrial board during the last year according to the annual report of Roscoe Kipper chairman of the board. Of the total there were some 200 fatalities and 699 lost some member of the body.

A total of 1,952 contested cases for compensation were handled by the board during the year, and 1,946 awards were made. This year's total brings the number of awards in contested cases to 20,745 since 1915.

Despite the fact that the number of injuries increased, the number of fatalities was the lowest since 1915. Last year there were 204 fatalities.

More injuries were received by employees doing cantract work than in any other occupation. There were 2,849 in this work while coal mining was second with 2,610. There were 14 persons injured in the operation of airplanes and in aviation repair work.

Four persons were drowned while at work; 55 were overcome with heat; 15 died from freezing. Broken ribs were the most common form of injury, with 369 cases reported, and 395 persons suffering broken arms.

The average salary of those injured was $26.63, the report shows.

* * * * *

## $175,000,000 Gasoline Taxes Paid in Six Month Period

Not counting refunds made, the total amount of the gasoline tax collected by 47 of the States and the District of Columbia in the first six months of 1929 amounted to $175,140,140, says the Bureau of Public Roads, U. S. Department of Agriculture, on the basis of figures reported to the bureau. In New York the tax became effective May 1, and the Illinois law did not become effective until August 1. A total of 5,693,872,662 gallons was taxed in the 47 states and the District of Columbia. The average tax paid per gallon was 3.07 cents.

In 1928, gasoline tax paid in the first six months of the year in 45 States, the District of Columbia, and in Illinois for one month of the period, was $140,635,398. The tax in Illinois was collected for January and discontinued in February. Massachusetts and New York had no gasoline tax in 1928. The total number of gallons taxed in the first six months of 1928 was 4,652,393,536, and the average tax paid was 3.02 cents per gallon. All the States now collect a gasoline tax.

# Builder of Court House and Monument

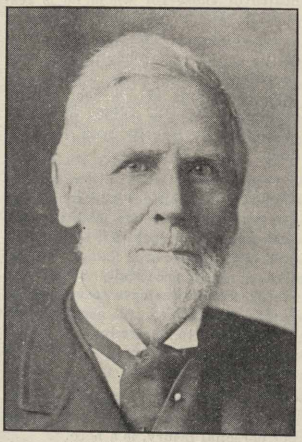
## J. B. Lyne, Pioneer in Stone

TWO of the outstanding jobs of work, in which Indiana Oolitic stone played a prominent part, were the construction of the Vigo county court house at Terre Haute, Indiana, and the Soldiers' and Sailors' Monument, at Indianapolis. Both of these contracts were executed by the Terre Haute Stone Company, of which Capt. J. B. Lyne was president. The stone for the court house was quarried on the west side of Stinesville. The stone was hauled on a large wagon to the mill on the Monon siding. Soon after the completion of the structure, the quarry was abandoned and a quarry was opened on the east side of Stinesville, to which a Monon switch was constructed. The stone for the monument was quarried here. Later this quarry became the property of Walter Kessler, and after some years was abandoned. We present a picture of the abandoned quarry.

As some of the larger stones used in the monument were quarried by the late John Torphy at the famous P. M. & B. quarry, at Bedford, now the property of the Indiana Limestone Company, and could not be handled with a derrick, an article on this subject will appear in the January number of Quarries and Mills, explaining the loading and shipping of the stone, with other ingenuous features of pioneering in the stone business.

Mr. E. R. Fletcher, of Bloomington, son-in-law of Capt. Lyne, furnishes the following story concerning this work:

The Terre Haute Stone company was organized in 1880 at Terre Haute, Indiana, with the following officers: President, James B. Lyne, (Republican mayor of Terre Haute 1881-1883); Secretary, Edward Chadwick, and J. L. Gulick, Treasurer. Shortly after their organization they obtained the contract to furnish the stone and build the Terre Haute court house. Their stone land and mill was located at Stinesville, Indiana, also a mill and stone yard in Terre Haute. Their stone quarry at Stinesville was situated at that time on the hill west of the town, and the rough blocks were hauled on wagons down the steep hill and across the Monon tracks near the depot. Nothing remains of the old mill today but the stone smokestack, which stands like a sentinel keeping guard over the deserted mill site. The task of hauling the blocks of stone from quarry to mill was the special task of William Cline, who was an adept at such work, and the older men, who can recall this performance, still speak of his skill and judgment in performing this difficult task. The



CAPTAIN J. B. LYNE

sawed stone, ashlar, etc., was shipped to the site of the court house and cut, carved, etc., for the building.

The numerous columns and balusters were turned by John Hoadley, who at that time had a small mill and stone yard in Stinesville. The writer, who was employed as superintendent of the quarries and mill at a later date (1889), cannot let this opportunity pass without a tribute to the memory of his friend, John Hoadley, sr. He was indeed a man among men. A gifted mechanic, noted far and near for his sterling integrity, quiet, steady perseverance, and withal a jovial companion.

In recalling the many notable features of this court house, the one thing that stands out most clearly is a reproduction of the Seal of the State of Indiana. It is a fine piece of carving, a beautiful picture in stone. In the year 1888 the Terre Haute Stone Company was awarded the contract to complete the Soldiers' and Sailors' Monument at Indianapolis. The contract for the foundation and arc had been let to the Romona Stone company. The stone in the monument as we view it today was quarried and sawed at Stinesville and shipped over the Monon and Vandalia railroads to the Circle, at Indianapolis, where it was cut, carved and placed in position. This work was done under the superintendence of Edward Chadwick, manager and secretary of the company, himself a practical stone cutter, and a man of excellent judgment, who had served his time as an apprentice in England. Wm. Jacob Myers, a stone cutter who is living in Bloomington, and was employed on the monument, tells me that the work done on this job was as good or better than any he can recall. The inspector, Thomas McIntosh, a native of Scotland, was most insistent at all times for "good work, true work." His steel square and straight edge were applied frequently and carefully and woe to the man and his work that failed to come up to his rigid scrutiny. The quality of the stone used in this noted structure was considered by competent judges (especially applied in the magnificent pieces of carving representing "Peace" and "War") to be comparable to the best ever quarried in this district. These stones were so large that one of them made a car load for the cars of that day.

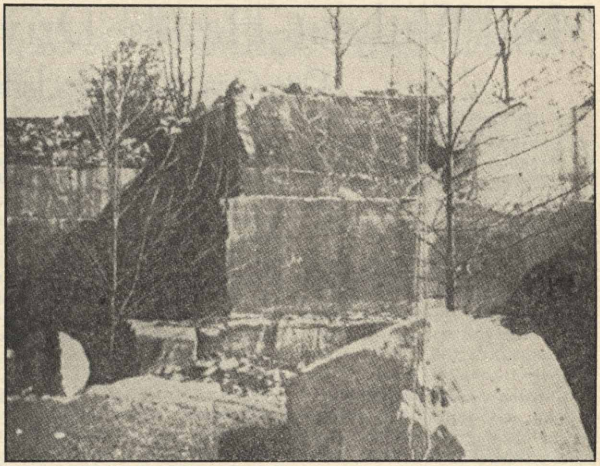
Among the men who were employed in the mills and quarries at that time my memory recalls David Pugh, John and Will Ashbaugh, Bud Stevens, the Dacker boys, Zale, John, Herb and Charlie; John Gaston, blacksmith, and dear friend, Newt, Link and others of the May family, Bob and William Welch, and Jimmie, and George Runyan, Cris Summit, Chas. Snodgrass, John Williams, Peyor Lyford and his boys and Mrs. Wm. Easton, "Aunt Jennie," who, it was said, kept the best boarding house along the Monon.

The children and grandchildren of the above, and others, are still helping to put Oolitic limestone on the market as the best and most practical building stone in the world. When

one recalls that it is used in the most splendid buildings in this country—cathedrals, college chapels (with their beautiful rerodoses, statuary, pulpits, with their rich and lace-like carving; custom houses, state capitols, court houses and lovely homes, one can be humbly proud of our glorious heritage.

All the members of the Terre Haute Stone company have passed to their reward, but it can be truthfully said that they left behind them a splendid record of conscientious dealing with both their employees and customers.

With a view to presenting some facts concerning the erection of the Soldiers' and Sailors' monument, we interviewed Capt. J. B. Lyne in 1906, at which time he gave us the following interesting story. He was 74 years old, hale and in fine health. He was a man of great ability with high standing commercially and socially. He died in 1920.



Abandoned Quarry, where Stone for Monument was Quarried

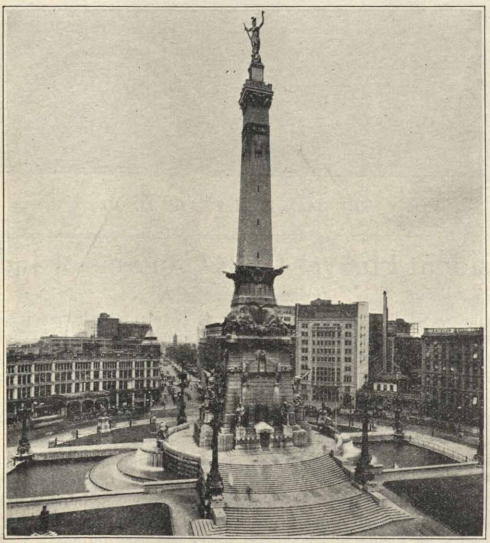
In our interview with the veteran quarryman, he gave out the following facts:

"When we built the soldiers' monument at Indianapolis," observed Capt. Lyne, "we not only erected a grand memorial to the soldiers, but we built a lasting testimonial to the durability and beauty of Indiana Oolitic Limestone, the best of all building stones in the world."

A significant twinkle of the eyes of the veteran quarryman was observed as he referred to the fact that in erecting this great shaft the commissioners recognized the merits of the famous oolitic stone by its adoption.

"As the cedars of Lebanon and the stones of Tyre were made famous by their adoption into the wonderful Temple, so the rugged old hills about Stinesville, Ind., are made historic by their contributions in the erection of so great a monument to the cause of humanity, and to mechanical skill, as is shown in this monumental wonder of the world," smilingly observed the Captain.

"When the contract to quarry the stone and erect this monument was let to myself and partner, Mr. Chadwick, we realized that the undertaking was of no small importance. Some of the largest stones ever handled were required in the construction. Early in the year of 1889 we commenced shipping stone, and August 22 of that year the corner stone was laid. I had charge at the quarry, and Mr. Chadwick, who is a very capable, painstaking, conscientious gentleman, had charge of the work of erection, under the general superintendency of Frederick Baumann. Burno Smitz, of Berlin, was designer of the monument, and when he beheld the structure completed he was enthusiastic in his praises of the splendid manner in which his design had been executed. After we began on the work it was rapidly pushed, and was completed within two years. The price we received was $140,000. We were very careful of our men in the erection of the shaft, and it went up without serious accident, and no loss of life."



Soldiers' and Sailors' Monument, Indianapolis

The monument was completed in

(Continued on Page 42)

# Man Without Hands Drives Auto Well

## Otto Cain, of Oolitic, Indiana

A FEW weeks ago a representative of Quarries and Mills required transportation from Oolitic to Bedford. Approaching the taxi office, we found a man of slight build and no hands, offering his services.

A man absolutely with both hands off driving a taxi! A lot of men with both hands can't drive! Being assured that this man was a safe driver, we loaded in, a little apprehensive, however.

Many men with one hand drive successfully, but perhaps not another man in the United States with both hands off drives an automobile, feeds himself at the table, and does most any kind of work.

His name is Otto Cain—in community parlance he answers to "Buck."

A remarkable story is woven about the life of this man. He is a native Hoosier, having been born at Campbellsburg 51 years ago. He has been a resident of Oolitic forty years. In 1890 he commenced work at the Dark Hollow quarry as a lad. He proved faithful and with approaching manhood assumed the job of Master Mechanic of one of the quarries at Peerless.

In 1916, on the 5th of July, in removing an electric wire from a pole, both hands were so badly burned that they had to be amputated. The wonder is that he was not killed. With super nerve, within a short time Mr. Cain was on the street greeting his friends. As the stubbs healed, he became interested in getting some sort of appliance by which he might at least have some use of artificial hands. He got in touch with a one-armed man by the name of Doran who had invented a sort of double hook mechanism with which to perform as near as possible the requirements of the hand. Mr. Cain received two of the double hook inventions, and had them attached to the stubbs, and with a little practice was soon able to grasp a hatchet, drive a nail, pick his teeth, and feed himself. The double hook appliance is held together by a heavy rubber band. A cord is attached to the hooks, and by a certain movement of the shoulder the hooks open for him to grasp the object needed. Later he went to the quarry and fired a channeler, and run extra.

Finding this work a little heavy he undertook the taxi business nine years ago, and has succeeded. He drives a Dodge car. The underneath side of the steering wheel has pins about every two inches so that whenever he grabs the hooks catch against a pin. He has owned five Dodges, and driven 250,000 miles.

Last year Mr. and Mrs. Cain drove to Washington, New York, and various eastern cities, spending about a month on the trip.

Yes! The mild, sauve expression of this man under his handicaps gives evidence of suffering and resignation to his fate, but he is buoyed by an admirable ruggedness of character that begets nerve and a will to do, and with unbroken spirit and a happy faculty to make the best of things, he enters the day with a high appreciation of duties, and carries on as other men.

Cheerful! Resigned! Dutiful! Who knows but the tragedy in Otto Cain's life has not moved many a boy, or girl, or man, or woman, with faint heart and lacking in courage and purpose, to take a new and higher resolve to meet life's obligations uncomplaining and with deeper appreciation.

Cheerful! Does life have the charm and beauty for him that the normal man with every member of his body functioning as the Creator aimed!

THE CAIN TAXI, READY TO GO

## President Hoover Calls Captains of Industry

(Editorial, from page 2)

Commerce, to which between 600 and 700 local chambers of commerce are attached, voted through its board of directors to co-operate unreservedly with President Hoover in the business movement.

7. James J. Walker, mayor of New York sent Hoover word that he had ordered that city's $1,000,000,000 public works program pressed at once.

8. In Philadelphia an order to expedite work on public undertakings was issued.

9. Several states already have notified President Hoover that state conferences will be called to supplement the federal leadership in what is being undertaken.

10. Last and regarded as most important of all, the action of the federal government has developed the unquestioned fact that outside of Wall street business is not only sound but is going right ahead as though there had been no upset in the stock market.

# Importance of Good Bankers and Blocks

Sketch and Article by JAMES W. HALL

BEFORE I started to write on the subject I made a sketch of two bankers. After looking at the sketch it seemed to me my subject was very common place—or not interesting. The two bankers seemed to be lonesome so after considerable reflection and rummaging about I ran on to, what seemed to me, a nondescript. The little fellow seems to have converted his proboscis into a horn or saxophone. Any how he suggested cheerfulness so in order to liven up the banker a bit I sketched him, "as is." Still there was something lacking so I scrawled a small figure on one of the bankers doing the charleston. Then it seemed as if a musician and dancer would look better with an audience, or a good humored set of fellows participating in the general melee.

Any how what's a musician without an audience?

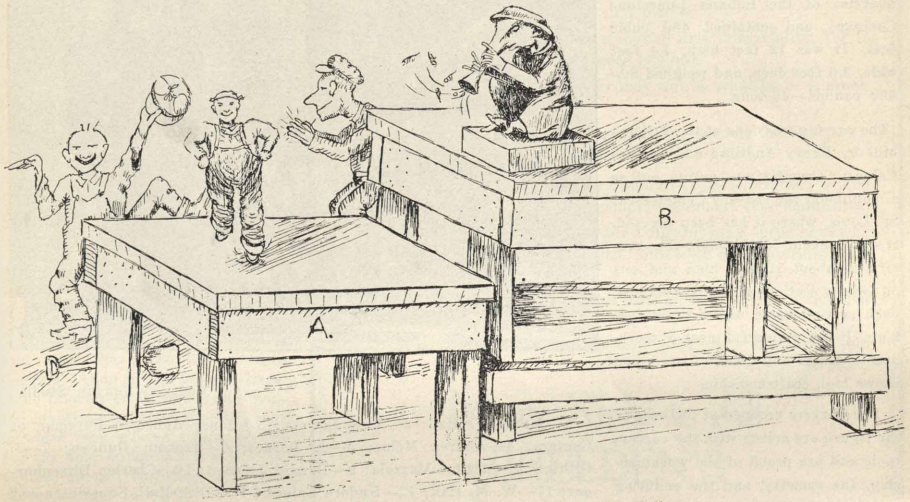
There seems to be no recognized standard for a banker. As unimportant as this subject may seem we venture to say that it is very important to have a good lot of bankers the right size, with level surface and free from projecting nails. Just a short time ago a stone cutter of considerable experience said to me, "There should be something said in Quarries and Mills about bankers. The shop in which I'm working has all high bankers, and at that, they are too high. They are all right for light stone," he says, "but for big stone —heavy stuff—they are too high." He added, "When a fairly heavy stone is placed on a high banker, the cutter is placed to a disadvantage, he must scaffold up, in order to get at the stone to cut it."

A stone cutter or carver is slowed up working on an elevation—no matter how slight the elevation may be, for it often takes from one eighth to a fourth of one's time guarding against making a misstep—to keep from stumbling or falling." All cutters and carvers would prefer to stand on the "ground floor" when it is possible to banker a stone low enough. They know what it means to work even on a slight elevation.

Bankers having projecting nails and blocks with nails driven in one side and hastily bent over, leaving two good sides for service, is almost a thing of the past in modern mills. But the subject requires constant attention—almost eternal vigilance in order to assure a clean set of bankers and blocks. All superintendents and foremen know what nails mean in a banker or a block and that they are constantly on the alert—guarding against a bad block or banker.

In the accompaning sketch two bankers are shown. The low banker A is 3-0 long x 1-9 wide x 1-9 high. The high banker B is 4-0 long x 1-10 wide x 2-2 high. The Tribune Mill is equipped with bankers of about the above mentioned sizes. They seem to fit the suggestion of my stone cutter friend, who says, "It is a much better plan, in bankering a stone, to build up the stone to the proper height for cutting, than to scaffold up to a stone which is bankered too high, for the reason that building a scaffold with stones and boards to cut a high stone, placed on a high banker entails taking chances—the chance of a misstep. Invariably the cutter or carver is slowed up working even on a very slight elevation, built hastily—and time is lost from various angles."

It is not my intention to settle the matter of "Bankers and Blocks" for the stone industry lone handed. There are too many angles from which the subject may be viewed, so the subject will be left open for suggestions from any body, who may have something to say about Bankers and Blocks. (Editor's note—Cutters and carvers requested to submit sketches)




Sketch of Bankers and Blocks by James W. Hall

# Crucifix for Calvary Cemetery, St. Louis, Mo.

## Carved at the Tribune Mill

THE picture on this page showing Jesus on the Cross, beautifully carved in stone, is a concrete suggestion of the power, endurance, and character of the wonderful Savior from the lowly Judean hills, whose birthday brings cheer and good will to all mankind, and for the day at least, staunches the flow of enmity between men, makes the poor forget their poverty, fosters happy family reunions, brings father, son and grandson into joyous concord, makes grandma forget her aches and enchants daughter and grand-daughter with that blessed holiday spirit, carries us clear away from the daily grind, and makes the turkey and cranberries and mince pies taste better than ever.

This picture carries the thought of the day. If carefully studied it will awaken the heart to higher ideals. The Lesson of the Day is not lost.

---

The rough block of stone from which this splendid figure was carved was quarried at one of the great quarries of the Indiana Limestone Company, and contained 480 cubic feet. It was 12 feet high, 4.4 feet wide, 3.6 feet deep, and weighed 80,000 pounds—40 tons.

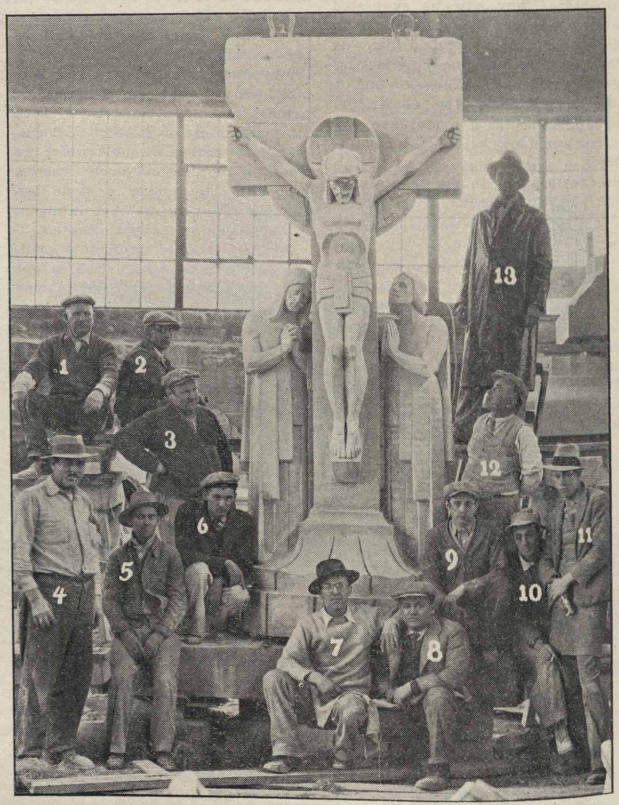
The carving was done at the Tribune Mill by Henry Andrews and Isadore Calucci. Crucifix was gotten out as a monument for Calvary Cemetery at St. Louis, where it has been erected. It stands about 75 feet high. The crucifix is about 12 feet high and sets on twenty sections of fluted columns, each section being about three feet high. It is a wonderful piece of work, and in design and detail of execution shows high craftsmanship.

The Carvers grouped at the base of the figure are artists with the carvers tools and are proud of the workmanship, the symetry, and the enduring beauty of the figure.

As we stand, admiring a piece of sculpture of this sort, how easy the thought comes to us that the one who is capable of this class of work is more than a mechanic—he is an artist, with that same inspiration and vision that moves the brush in the picture, or sways the emotions of the musician.

Just now much is being done to courage designing and carving and cutting. The Carvers' Union is offering $25 for a design.

Mr. A. E. Dickinson, President of the Indiana Limestone Company, and Mr. Harry Johnson, of the Bloomington Limestone Company, are offering substantial prizes at the Hoosier Salon, at Chicago.




Courtesy Sinclair Studio

1—James W. Hall; 2—Mike Lowery; 3—Henry Andrews, Foreman of Carvers; 4—Andrea Moise; 5—J. Barnes; 6—Truman Duncan; 7—J. O'Brien; 8—Arthur Mazzola; 9—Donald Johnson; 10—Charles Ditzenburger; 11—W. M. Hall; 12—Isadore Calucci; 13—Dick Hall, Superintendent of Carvers.

# Ledge - Quarries - Mills - Drafting Room

## Shop Notes of the District

The stone finish on the new home of W. E. Sullivan, corner First Street and Jordan Avenue, was executed by the Mutual Oolitic Company. A fine grade of stone was used and the work shows a high grade of craftsmanship. A panel in the front gable embraces a splendid piece of carving, representing the "Tree of Life."

* * * * *

Kenneth Kelly, formerly in the drafting room of the A. J. Thompson Stone Company, is now at Pittsburgh, Pennsylvania, where he has a position in the drafting room of the Pittsburgh Cut Stone Company. Lee Stuart has had a responsible position with this company for several years. Charley Stuart is also working for this company.

* * * * *

William Franzman, Superintendent of the Bloomington Limestone Mill (the old Indiana Oolitic) at Ellettsville, reports the plant moving along nicely. During the cold weather the night run has been taken off.

* * * * *

Zero weather November 30th! A record breaker. While December has been very crimpy, yet most of the men are on the job.

* * * * *

Ervin Stevens, Chief Draftsman at the Indianapolis Oolitic at Stinesville, is finishing up some jobs that were on hand when the company went in the hands of the receiver.

* * * * *

William Welch, a veteran quarryman, died suddenly at his home at Stinesville, Tuesday. He was the father of Cort and John Welch, of the A. J. Thompson Stone Company, and Cleve Welch, of Bloomington.

* * * * *

### Twenty-Five Dollars for A Design

In our November issue of Quarries and Mills the Stone Cutters' and Carvers' Union of the Indiana Limestone District of Lawrence and Monroe counties carried an advertisement in which they offered a prize of $25 for the best design for a seal. The contest opened November first and closes January 15, 1930.

The design must follow a general plan, to be as follows: It must be circular in shape and be not larger than one and one-half inches in its outside dimensions; the name of the Union must be placed around the outside edge of the circle in letters not over 3-32 inch for capitals and not over 1-16 inch for others; horizontally across the bottom as near the inside of circle as possible must be left a small space where the word Bloomington or Bedford can be placed; the remaining space can be filled with any original design.

All drawings must be submitted on a sheet of paper of standard letter size (11 in. x 8½ in.) and the drawing shall be placed in the center of the page as nearly as possible. The name of the designer shall be placed in the lower right hand corner. When mailed, the sheet shall be so folded that there will be no crease in the design itself.

All designs shall be mailed to Jas. C. Meglemre, Sec., 2109 Park Ave., Bedford, Indiana, not later than January 15th, 1930.

* * * * *

### Tribune Drafting

R. W. Burns and family spent Thanksgiving with Mr. Burns' parents in Miamisburg, Ohio.

(Continued on Page 41)


# HOPE

FROM EARLIEST CHILDHOOD TO TOTTERING OLD AGE AND THE GRAVE.

We live on Hope. "Hope springs eternal" for it is humanity, it is life.

The age old question of the world has been, "What of tomorrow with the hope that it may be fairer than today?"

Hope is the mother of ambition and prayer.

It is the connecting link between mortal and immortality, for it is not stopped by the grave, it goes beyond.

The real key to a man's character may not be what he is so much as what he hopes to be.

No man can be all wrong so long as he hopes to be better.

Today's ambition is tomorrow's success.

The future of an individual or a community is determined by the hopes of that individual or the people who make the community.

As a community let us hope to the full and may those hopes be fine and worthy; backed by faith, ambition, and determination of fulfillment.

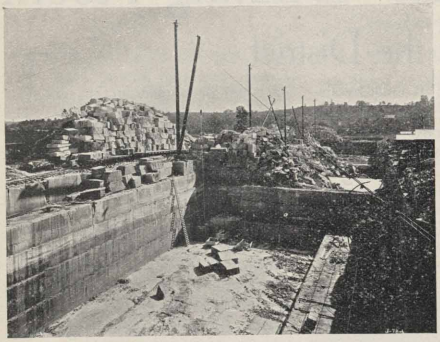
Such a community or city cannot long be kept from its rightful place of destiny.

As an institution and a part of this community we pledge our hopes.

Merry Xmas to All

BREEDEN'S

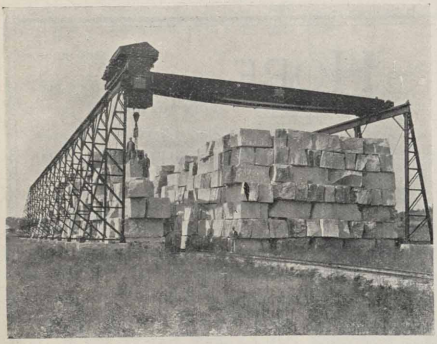
# WHERE SHAWNEE STONE IS PRODUCED



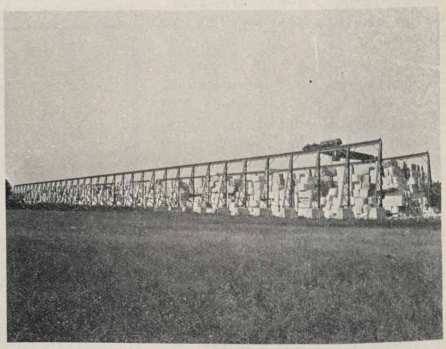
**Quarry Looking South**

**Quarry Looking North**

Located seven miles southwest of Bloomington, Indiana, the quarries of the Shawnee Company are in the heart of the oolitic district. Opened some four years ago in a small way the demand for this splendid stone necessitated expansion. The quarries are now producing a million and a quarter cubic feet of the finest of Indiana Limestone annually.



**Storage Yard Showing Crane**



**Storage Yard, Capacity 500,000 Cu. Ft.**

Originators of the tramway as the most feasable way of efficiently storing and loading out block stone the Shawnee Stone Company now has a storage tramway 1,000 feet in length which at all times is well stocked with seasoned stone thus assuring the trade prompt service and satisfactory stone.

**Looking West Through Mill** Charles Gilbert Shaw, Photographer

Ample gang saw equipment places this company in a position to render prompt service on all sawed orders. Our properties are located on the Illinois Central and C. I. & L. systems thus insuring adequate shipping facilities.

# Stone Interests Jeopardized by Commerce Ruling

## Petition for Reopening

BY reason of the claim made by the James O'Mera company, of Baltimore, Md., before the Indiana State Commerce Commission, on October 15th, that they lost 25 per cent in the shipment of rough stone, compared with cut stone, the Commerce Commission reduced the rate from 37 to 30 cents on rough stone, the rate on cut stone remaining 37c per hundred pounds.

Recognizing this discrimination as a stroke against the best interests of the stone field, on Monday, November 25th, the Bedford Stone Club, the Monon Railway, the Illinois Central Railway, and the C. M. & St. Paul Railway, filed a petition with the Interstate Commerce body, for the purpose of reopening the case.

Among the companies belonging to the Bedford Stone club are the Indiana Limestone company, the Bloomington Limestone Company, the Bedford Cut Stone company; the Matthews Brothers Stone company, the Shawnee Stone company; Reed Powers Stone company, the Empire Stone company and the Monon Stone company.

The special committee working on the case consists of F. E. Bryan, vice-president of the Indiana Limestone company; E. P. Vernia, vice president of the Monon railroad; C. C. Hines, general solicitor of the Monon railroad; Mr. Bieze, employed by the Bedford Stone club; Frederick E. Schortemeier, attorney for the Indiana Limestone company; William L. Taylor, attorney for the Monon; G. H. Barrett, vice president of the Matthews Brothers Stone company, and B. P. Crowe, of the Bloomington Limestone company.

If the case is not reopened, the new ruling will go in effect January first, and it is the general opinion of stone men that the effect will be very damaging to the stone belt. Should the Commission refuse to reopen the case, the only recourse, if any, would be in the courts.

Several times in the past twenty-five years efforts have been made to differentiate in the rates between rough blocks and cut stone, but heretofore the rulings sustained the same rate. The cut stone business has flourished, but should the present decision regulate the shipments it would result as a serious handicap to the business.

In discussing the matter Mr. Ben. P. Crowe, vice-president of the Bloomington Limestone Company said the O'Mera interest, at Baltimore, was laboring under error, and there was no discrimination against Baltimore interests under the former arrangement, but a decided disadvantage has been shifted onto the Bloomington-Bedford belt by the change. He said there was no loss in shipping rough stone, as contended by O'Mera. Furthermore, it costs $75 to block a car of cut stone, which expense is borne by the company. This added expense makes the ultimate price of

(Continued on Page 33)

A Kodak

for a

Christmas Present

Is Always Acceptable

FULL LINE OF ACCESSORIES

Wiles Drug Company

— THE KODAK STORE —

CUT PRICES ON DRUGS

East Side Square, Phone 2411, Bloomington

WHEN YOU THINK OF

INSURANCE

IN ANY FORM THINK OF

WALLS & WALLS

HODGE & WALLS BUILDING

BEDFORD, INDIANA

THE GULF BUILDING, HOUSTON, TEXAS

Gulf Building, Houston, Texas. Alfred C. Finn, Architect, Houston, Texas; J. E. R. Carpenter and Kenneth Franzheim, Consulting Architects, New York City; American Construction Company, Houston, Texas, General Contractors. Rustic Buff Indiana Limestone from the quarries of and fabricated by the Bloomington Limestone Company.

# New Gulf Building of Houston, Texas

## Rustic Buff Indiana Limestone From the Quarries of and Fabricated by the Bloomington Limestone Company.

TEXAS' tallest building, the new 36-story Gulf Building, originally called the National Bank of Commerce Building, in Houston, shown on the opposite page of Quarries and Mills, the stone of which was furnished and fabricated by the Bloomington Limestone Company, is 440 feet high, stands on a solid reinforced concrete mat foundation, over 4 feet thick. The 48-inch mat was poured over a 3-inch working slab, which was reinforced with welded fabric, 6 by 6, mesh 10 inch of number 10 wires, poured immediately on excavation when carried to grade. Concrete was "shot" into mat forms down chutes leading directly from mixers on the bank of the excavation.

Careful borings were taken of underlying soil all over the site, before construction of this modern tower office building began. Finding almost no variation in boring samples, the designers determined upon the unusual mat type of support for the great structure of steel and reinforced concrete. An inch and a half settling of the finished building was allowed for. The foundation is based on the cantilever principle.

W. E. Simpson of San Antonio is the engineer who designed and made out speifications for the solid reinforced concrete mat foundation. Robert J. Cummins, Houston construction engineer, checked over plans at the site. Alfred C. Finn of Houston is the Gulf Building's architect, with J. E. R. Carpenter and Kenneth Franzheim of New York, consulting architects. The Gulf Oil Company and National Bank of Commerce are the two chief occupants.

The American Construction Company of Houston was general contractor for the Gulf Building. S. Bailey Houx, head of the firm, is the president of the city's A. G. C. chapter. The contractor had his own engineer on the job also. Holcombe Construction Company did the initial excavating and Hewitt Construction Company the underpinning of the adjoining Banker's Mortgage Building.

### Chicago's Gigantic Mart

In the erection of the gigantic centralized market for wholesalers, at Chicago, more than 2,500 members of all the building crafts, whose faces and speech reflect every race and nation that has contributed to America are toiling in night and day shifts. This is said to be the greatest number of men ever used at any one time on any building project in the United States.

The following materials are being used in the construction of the building:

60,000 tons of steel, including 61,000 columns, girders and beams.

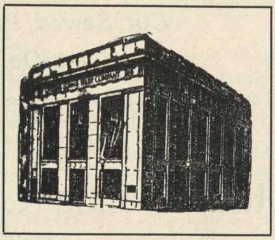
558 caissons, requiring 50,000 cubic yards of concrete.

(Continued on Page 41)


CAPITAL---

How to Acquire It

**It takes capital to increase capital—but anyone of modest means can start the accumulation of a fund that will enable him to take advantage of greater opportunities within a reasonable time. Start one of our systematic savings plans. You will be surprised how quickly and easily your balance grows to a size where you can use it for profitable reinvestment.**



RESOURCES OVER $3,000,000

Citizen's Loan & Trust Company

SAFETY BOXES FOR RENT ROY PIKE, Cashier

BLOOMINGTON, INDIANA

A Friendly Corner on South College Avenue

STONE WROVGHT BY THE MASTERHAND

INGALLS
STONE COMPANY
BEDFORD INDIANA

OFFICE AND MILL SOUTH WALNUT STREET—ESTIMATES CHEERFULLY FURNISHED

*Cut, Sawed, Planed and Rough*
*Indiana Oolitic Limestone*

P. O. BOX 364—TELEPHONE 5457

Mutual Oolitic Cut Stone Company
INCORPORATED

**Cut Stone Contractors**
BLOOMINGTON, INDIANA

DIRECTORS

G. ANDERSON, President
THEO. J. LOUDEN, Secretary
THOS. L. ROBERTS, Vice President
W. H. McKNIGHT, Treasurer
JOHN H. WILSON, Mill Supt.

# Problems of the Working Man's Wife

## James J. Davis, Secretary of Labor

Friday night, November 29th, Secretary of Labor James J. Davis, in a radio broadcast, declared the working man's wife is the busiest person in America.

Outlining the work week of the wife of a working man, with a fidelity to detail obviously learned in his own laboring days as a puddler in Indiana iron mills, the secretary told of the Monday washing, the Tuesday ironing, the Wednesday mending and sewing, the Thursday shopping and jelly making, the Friday house cleaning and the Saturday day of all work, with no rest on Sunday.

Her enonomic problems include "buying 8-cent soap for 6½ cents, 15-cent canned goods for 12½ cents and sugar, flour, meat and coffee for a couple of pennies less," said the secretary, adding:

"She knows where to buy the cheaper cuts of meat and how to convert them into appetizing dishes. She knows the fine art of furnishing plenty of nourishment for her family out of less expensive vegetables, cereals and fruits. She keeps her youngsters well fed and healthy because she is a good and economical purveyor, buyer and cook, and one who knows how to save her husband's money, but who is lavish in the amount of her own thought and energy."

And, besides all this, Secretary Davis continued with a humorous touch:

"She is Johnny-on-the-spot when it is necessary for some one to help her boy out of a scrape with the corner policeman for smashing the grocer's window with his baseball. She can always snatch a few minutes from her chores to inspect Tom Junior's new airplane model, or to plan a birthday party for Elizabeth with a white-frosted cake, candles and everything, or to administer to George's knees after a fall on his roller skates, or to answer Jimmy's searching questions as to whether God will mind if he changes his prayer for a billy goat into a petition for twins, like the babies of his buddy's mother."

Concluding his tribute, he said:

"So, as we look closely at this wife of the working man, we realize that she may not be a saint, a queen nor a goddess. Sometimes she gets tired and cross and occasionally bossy. Why not, considering the load on her shoulders? As we add up her list of occupations, wife, mother, nurse, housekeeper, cook, laundress, seamstress, shopper, financier, master of every trade, we gaze at her in wonder and admiration.

"If we were to take the patience of Job, the wisdom of Solomon, the glorified common sense of Abraham Lincoln and roll these qualities together with many fine traits of true womanhood, we would come close to the wonderful combination we find in this busiest of all executives."

* * * * *

What is said to be the first Chinese daily founded in America is still published by its first editor, Dr. Ng Poon Chew, in San Francisco's Chinatown.

* * * * *

"Sleepy grass," a plant poisonous to horses, is so named because it causes the animals to doze.


# The Old Bank Corner

Make an appointment with any of Bloomington's Older Citizens to meet them on *The Bank Corner* and you will find them waiting for you in front of the First National Bank.

Bloomington's bank since 1871 — organized by pioneer business men along strong conservative lines— The First National has grown and developed with Bloomington, keeping fully abreast of the times and conditions.

Through all kinds of business conditions — good times and bad—The First National has never faltered, has never failed to offer to the Citizens of Bloomington a strong—safe—complete banking Service.

Over a period of fifty-eight years' Surplus Accounts equal to twice the Bank's Capital have been accumulated for the protection of depositors. A Bank with Surplus equal to its capital is considered an Honor Bank. The First National is therefore twice an Honor Bank.

We offer You every safety and convenience possible. Your business will be appreciated.

# First National Bank

*Bloomington, Indiana*

***Oldest and Largest Bank in Monroe County***

***4% and Safety***

# Work On Cathedral of Learning

## Stone from Indiana Limestone Company

Work on the new office and class room of the Cathedral of Learning at University of Pittsburgh began October 1st. It will require fifteen months to finish the work, and it is estimated that it will require a car load of stone a day to complete the job. The Indiana Limestone Company will furnish the stone from its quarries in Lawrence and Monroe counties, and the stone will be fabricated in its great stone mills.

The great cathedral is forty stories high, of steel frame construction on concrete pile foundations with concrete for steel coverings and for the floor superstructures. For the first floor exterior a native sandstone quarried at Curwensville, Pennsylvania, was used, but for the remainder of the exterior and for parts of the interior Indiana Limestone in a variety of finishes will be used exclusively. The Indiana Limestone is of the Rustic Buff quality and this color will be further intensified by the shot sawing process used in its finishing at the mills.

Opposite the entrance of the great Cathedral the new Heinz Memorial chapel will be erected from a fund of $600,000 given by the children of the late H. J. Heinz. It will be of Gothic style and Indiana Limestone will be the material used.

* * * * *

## Quarry Workers Find Skeletons of Indians

Discovery of an Indian mound containing several skeletons and a number of relics, is claimed by Earl McNeely of the firm of McNeely Brothers, construction contractors.

According to Mr. McNeely, the burial place was found in the stone quarry operated by his concern near St. Paul, in Shelby county.

The mound is not more than four feet under ground and is formed of large flat rocks. Forty-six skulls were found and surrounding the bones are earthen jars, colored beads and trinkets. There are seven compartments to the mound and a peculiar custom of burial is indicated, the bodies radiating from the circle formed by the bones of the feet.

Archeologists will be asked to examine the mound near St. Paul and classify it. The construction firm has opened the tomb to visitors.

* * * * *

## Sound Investment

In a consensus opinion representing leaders from all component parts of the construction industry throughout the nation including banking, architects and engineers, real estate, manufacturers, material supplies, transportation, agencies, contractors and labor, the American Construction Council in a statement issued through its executive, Dwight L. Hoopingarner, declared the present situation in the speculative securities market shows the need for the American investing public, and especially persons of moderate means, to return to the fundamentals of sound investment practice and urged the wider employment of investment funds in the legitimate phases of building operations, also giving suggested safeguards for making such investment.

SOME SORT OF AUTO ACCESSORY
WILL MAKE A SERVICEABLE
**CHRISTMAS PRESENT**
Buy at
**Square Deal Tire Service**
806 East 16th St.—Phone 74
Bedford, Indiana

There Is No Better Tire Made
Than the U. S. Royal Cord

Royal Cord, Peerless and Usco Cord Tires
—All United States Made

Sterling and A-C Dayton
Radios
Sold on Easy Payments

**DIEHL RICHARDSON**
Vulcanizing Battery Service

We Stock a
Complete Line of
**Building Materials**

needed by
The Stone Industry
for

Construction and Maintenance.

**The Fulwider Lumber Co.**
*"A Board or a Bungalow"*
CALL 2330
BLOOMINGTON - - - INDIANA

# Wizard Rock of Baby Farm

## Lucile's Seven Lovers---continued from last Month

" 'They won't have me,' he says, very mournful. 'They won't none of them have me—and I asked fourteen of 'em.'

" 'Why, what's the matter?' says Lucile.

" 'Well,' says Halbert, 'it seems they've heard about the seven of us and the lot of vittles we eat and the wash and all—and they say only a fool would marry into a family like that, and they don't see how you stand it, Lucile.'

" 'Oh, that's what they say, is it?' says Lucile, with her eyes bright as candles. 'Well, your turn next, Harvey.'

"So Harvey tried it and Hosea tried it and all of them tried it. But none of them had any luck. And then, finally, Lucile lets loose at 'em good and proper.

" 'You great big lumps of men!' she says, with her cocky look on. 'There's more ways of killin' a cat than chockin' it with cream. If they won't marry you after you've asked 'em—why can't you marry 'em first and ask 'em afterwards?'

" 'But how can we do that?' says Harvey, who was the stupidest.

" 'Well,' says Lucile—and here's where her education comes in that I've made such a point of—'I read in a history book once about a bunch of people called Romans that was just in your fix.' And she goes on to tell them about the Romans—how they settled in a country that wasn't neighborly to them, just like the Gitams, and how they all needed wives, just like the Gitams, and how, when they couldn't get them in the ordinary way from the other people of the country, they raided the town one night and carried off a lot of women and married 'em.

" 'And if you can't do as well for yourselves as those old dead Romans,' she ends up, 'you're no brothers of mine and you can cook your own suppers all the rest of your lives.'

"They all sat around dumfounded for a while. Finally Hob speaks up.

" 'That sounds all right in history,' he says, 'but this is different. Supposin' these women just cry and pine away when we've carried 'em off—supposin' that?'

" 'Listen to me,' says Lucile. 'I know what I'm talkin' about. Every one of those girls is crazy to get married—and there isn't half enough men in town to go round. They think a lot of you boys, too, for I've heard 'em talk about you; but they're scared of your bein' backwoodsmen and scared of the work and each one of 'em is scared of bein' the first to leave the others. I'll answer for them, once you've married 'em. Is there anybody around here who can marry people except the regular minister?'

" 'There's a sort of hedge parson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just come to town,' says Hob. 'I reckon he can tie a knot as tight as any preacher in the county."

" 'All right,' says Lucile, 'that settles it.'

"It was the eve of the big church sociable that it happened. They held it once a year, around Thanksgivin' time, and all the town attended, and those who had rifles and weapons left 'em at the door. The Gitam boys had never attended before—so there was a good deal of stir when they marched in, all seven of 'em, with Lucile in the middle. The brothers was shaved and clean and dressed up spick and span, and Lucile never looked better, in a dress she'd made out of store goods, and those embroidered slippers.

"Well, there was considerable gigglin' from the town girls as the Gitams entered, and a buzz around the hall, but then the music started and people begun to dance and play games and enjoy themselves, and pretty soon they forgot the Gitams were there at all, except that the Gitam boys acted awful polite and nice to everybody—Lucile'd taught 'em that—and I guess before the even' was over some of the town girls were wonderin' why they'd turned down boys like that just because they lived in the backwoods.

"But they didn't get much chance to think about it, at that. Because just as they were all goin' to sit down to supper—'Ready,boys?' calls Lucile with a voice that cuts through the talk and commotion, and everybody turns to look at her. And then a sort of general gasp goes up, for, 'Ready!' choruses the six bachelor Gitam brothers; and suddenly each one has one hand on a rifle and the other holdin' a girl, and Harry and Lucile have a couple of rifles trained on the rest of the community to keep 'em quiet. It happens so sudden that half the people don't even know what's happenin'—and the Gitams have their girls out on the street and Lucile's locked the outside doors.

"Then there's Cain to raise for fair in the meetin' hall, and people starts to beat and kick at the doors—but they built solid in those days. And there wasn't no use in tryin' to shoot the locks off, because the Gitam boys had tied up the guard over the rifles and weapons and dumped them outside in a shed.

"It isn't till pretty near dawn that the doors give way, and when they do, the people give up—for it's snowin', lickety split, and has been for hours—and when it snows up here, I can tell you, it snows. The blizzard doesn't let up for four days, either, and by that time the pass through the hills to Gitam Valley is blocked up solid, and there's nothin to do but wait till the snow melts in the spring.

"An' meanwhile, Lucile had her work cut out for her. It wasn't no easy job, conveyin' three sleigh loads full of hysterics all that long, cold ride. But she let them hysteric away, and by the time they got home the stolen brides were so tuckered out they'd quieted down a good deal.

"Still, at first they swore they wouldn't take bite or sup till they was restored to their families. But Lucile had some tea ready for 'em in a jiffy —and there's somethin' about tea a woman'll relish no matter how she's feelin'. Well, they had their tea—Lucile sent the boys away, first thing —and when they were takin' second cups, Lucile addresses 'em.

" 'Ladies,' she says, 'this affair makes me mighty sad—to see fine girls like you stole away by a lot of backwoodsmen. And I'd never have lent a hand to it if I'd know the truth of the matter. But you and me, we'll turn the tables on 'em yet. You can't get back to your families till the blizzard lets up, but while you've got to stay here I'll see you're treated respectful. And just to prove that'—she takes a bunch of keys from her pocket—'I'll lock this house up tight, with us inside it; and as for the back-

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woods Gitams, they can sleep and eat in the stable with the livestock. That-'ll teach them they can't fool us!'

"Well, that little speech cheers the girls up quite a bit. And by the time Lucile shows them to their rooms and let's 'em bolt themselves in, they're convinced that Lucile's their friend.

"Well, a week goes by like that—the girls keepin' house for themselves and never seein' hide nor hair of a Gitam.

"And Lucile's always talkin' about the uselessness of men in general and husbands in particular and how fine it would be for all them girls to live the rest of their lives together, just the way they are. At first the girls agrees with her, hot and heavy, and then they agrees with her still, only sort of polite. And by the end of the week, they don't say nothin' at all.

"So when Lucile begins to catch 'em lookin' out of windows when they should be dustin', and peekin' from behind curtains to try and catch a sight of the Terrible Gitams unbeknownst, she knows it's time for the next step. So one afternoon she suggests, to sort of break the monotony, that they all go up and rummage in the garret.

"Well, they rummage around there and have quite a bit of fun, until finally the minister's daughter opens a long box and gives a little squeal of joy.

" 'What a lovely dress—whose is it?' she says. It's a nice dress, too—all white and frilly, with orange blossoms on it and a long white veil.

" 'Oh, shucks, that's just an old wedding dress those backwoodsmen had me make when they thought you were going to marry 'em!' says Lucile sort of disgusted. 'Put it back!' But the girls they don't pay attention.

" 'Will it fit me, I wonder?' says the minister's daughter.

" 'It's bad luck tryin' on weddin' dresses if you're not goin' to have a weddin',' says Lucile. But the minister's daughter is steppin' out of her ordinary clothes already. The other girls help fix her up and she does make a pretty-lookin' bride.

" 'That Gitam boy named Hob's got curly hair,' says the minister's daughter, trailin' out her veil. 'I always did have a likin' for curly hair.'

" 'Hob's not nearly as good-lookin' as Halbert,' says the lawyer's niece, quite violent, and another one says, 'Handsome's as handsome does—the one they call Harvey isn't so handsome, maybe, but his eyes is ten times nicer.'

" 'There's somethin' about a man around the house that brisks things up remarkable,' says a fourth one. 'Not that I want to get married, but Howard's a nice name even if Gitam is hitched to it and—'

" 'Girls, girls—are you crazy, girls?' says Lucile, shocked and horrified. But the minute she starts to reprove 'em, they all turn on her, most ungratefully. So at last she has to give in and allow that there's five more weddin' dresses—and that if anybody's thinkin' of gettin' married, the Gitams keep a hedge parson on the place. But one thing she's firm about.

" 'Get married if you like, she says, 'for I can't stop you. But I'm responsible for you to your families—and after the ceremony's ended, your husbands goes back to the stable and stays there till I know your families approves of 'em.' And she looks very fierce about it and makes them prom-

Continued on page 26

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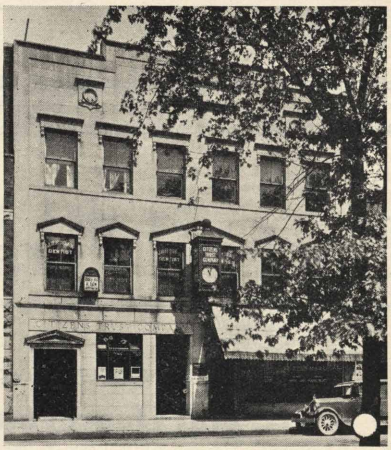

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# Government Statistics of Quarry Accidents

## Increasing Appliances for Safety

THE efforts put forth by the operators and employees generally of the quarries and mills is wide spread in its scope and proving a boon to humanity. In New York City the contractors are making strenuous efforts to lessen the number of accidents. Bulletins are being issued, and placards are used in an effort to secure the cooperation of employees and minimize accidents.

Here in the Indiana Oolitic Limestone field safety work has been pushed with telling effect, and the number of accidents have been greatly reduced. According to a statistical survey the United States Bureau of Mines, Department of Commerce, the death rate for the industry was reduced 10 per cent and the injury rate 20 per cent below the 1927 level, when 135 workers were killed and 13,459 injured.

In the quarrying industry 89,667 men were employed by 1,436 active operators.

The quarrying of limestone required the services of the largest group of workers, 37,830; cement rock quarries employed 22,315; granite, 11,314; marble, 6,777; trap rock, 3,908; sandstone and bluestone, 3,849 and slate, 3,674. The highest accident rates were in the trap rock group, in which 9 fatalities and 591 injuries occurred the fatality and injury rates being 3.13 and 205.78 per thousand 300-day workers, respectively. In the large group of limestone workers, 60 men were killed and 5,399 injured, the fatality and injury rates being 1.84 and 166.2. Of the cement rock workers, 25 were killed and 1,161 injured, the fatality and injury rates being 1.05 and 48.76. In the granite group, 11 were killed and 1,713 injured, the rates being 1.17 and 181.-48. At the marble quarries 7 employees were killed and 718 injured, with fatality and injury rates of 1.08 and 110.38. In the sandstone and bluestone group 3 men were killed and 473 injured, with fatality and injury rates of 1.02 and 160.50. In the slate group 4 were killed and 513 injured, with fatality and injury rates of 1.24 and 158.87.

Of the 119 deaths in the entire industry, 77 occurred in the quarries and 42 outside, while 6,297 injuries occurred in the quarries and 4,271 on the outside.

The greatest single cause of death in and about the quarries was falls or slides of rock or overburden, which accounted for 29 fatalities. Falls of persons caused 11 fatalities; machinery, 10; explosives, 9; haulage, 8; electricity, 3; handling rock at face, 2; flying objects, 2; drilling and channeling, 2, and boiler and air-tank explosions, 1. The largest single cause of all classes of injuries in and about quarries was handling rock at the face, which accounted for 1,400 accidents. In outside work, machinery was responsible for 9 fatal injuries, haulage and falls of persons for 8 each; burns for 6; electricity for 4; falling objects for 3; flying objects for 1, and other causes for 3.

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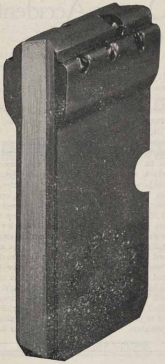
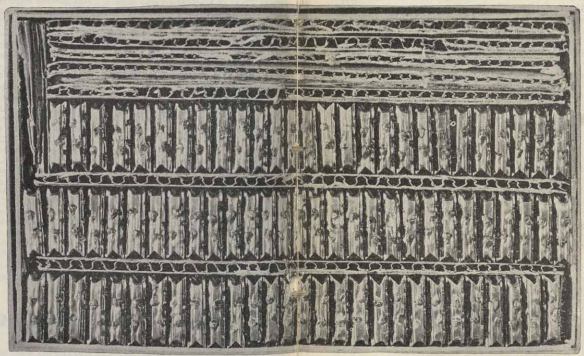


**The Meyers Rip-Joint Tooth**
Foerster Patent

Showing larger diamonds for ripping and smaller diamonds for jointing. Magnified nearly twenty times in size.



A set of 84 Meyers Rip-Joint Teeth after fourteen months of service, showing less than 35% loss in diamond weight.

The cutting faces of two Meyers Rip-Joint teeth after fourteen months of service. Magnified about twenty times.

The two teeth photographed above were not especially selected, but were merely picked from the box at random. A close inspection of the box will show that most of the teeth look just about the same as the two teeth photographed.

## Meyers Diamond Saw Teeth

**Meyers Rip Joint Tooth**—for ripping and jointing in one operation, leaving smooth arrises.
**Meyers "Splint" Tooth**—for jointing, leaving sharp smooth arrises.
**Meyers ¾ karat Tooth**—for ripping and resawing.
**Meyers S'x-Diamond Jointer**—for jointing.
**Meyers Three-Way Tooth**—for light ripping and jointing.
**Meyers Anderson Ripper**—for ripping.
**Meyers Drag Saw Tooth**—for heavy ripping.

While we feature the well-known "Splint" Tooth and the new Rip Joint Tooth, we manufacture any type of Diamond Saw Tooth used in the stone and marble industry; also Diamond Core Drills. Prompt and careful attention to resetting of teeth.

Just as the Meyers "Splint" Tooth revolutionized the stone saw industry nearly twenty years ago, so now the new Meyers Rip-Joint Tooth, Foerster Patent, is effecting another revolution today. This new tooth combines ripping and jointing in one operation, with the mechanical perfection that characterizes all Meyers products. There is no other combination tooth on the market so basically practical, nothing else that approaches it in lasting qualities, speed in cutting, sharpness of arris and smoothness of cut.

The enlarged view of the Meyers Rip Joint Tooth above shows plainly the detail construction of this remarkable tooth. The ripping operation is handled by the center cut of the tooth, with a large diamond set on each side. The metal is partially cut away to show the position and character of these diamonds. Close behind these two large diamonds, there are three small diamonds on each side of the tooth, set in a slightly wider measure, which handle the jointing operation. Every operator who has used either the original Foerster tooth or the improved Meyers Rip-Joint Tooth knows that it is a splendid tooth in service. The photographs and service record presented above should be equally convincing evidence to any investigator. An introductory price was established on the Meyers Rip-Joint Tooth lower than the price at which the Foerster Tooth was originally sold. With volume production and with our special manufacturing facilities, we expect to be able to maintain this lower price and at the same time give to the trade a vastly superior product.

## Saw Blades and Service

While the tooth is the vital factor at the point of contact, fast and clean cutting is equally dependent upon the proper functioning of the blade. We have therefore installed in both our Bedford and Chicago plants an equipment of the latest and best patented machines for testing and reworking blades,—for rehammering, regrinding, recircling, balancing and truing, to put them into perfect condition for service. We also carry in stock at both plants a full line of circular blades from 18 in. to 76 in. in diameter, together with Drag Saw Blades, and are prepared to give emergency delivery on a new blade when you need it.

*STONE-SAW HEADQUARTERS - LARGEST MANUFACTURERS OF DIAMOND SAW TEETH in the WORLD - DIAMOND TOOL DRESSERS*

# Wizard Rock of Baby Farm

Continued from page 19

ise. The hedge parson marries them all—all six in their weddin' dresses—and then the boys go back to the stable. And then the minister's daughter busts out cryin'.

" 'I hate men just as much as ever—but it's terrible to be lawful married to a man you can't even s-see!'

"So Lucile sees she has to make some new rules and she does it. Three afternoons a week the boys is allowed to call on their wives and once in a while, for a great treat, they can stay to supper. But the husbands and wives can't never see each other without Lucile's bein' there to chaperon them.

"Well, at first the husbands and wives is mighty stiff and formal with each other, but gradually they get better and better acquainted—and pretty soon the minister's daughter is lettin' Hob hold her hand when she thinks Lucile isn't lookin'. And the lawyer's niece is askin' permission to sew a button on Halbert's coat—and there's an atmosphere of courtin' about the Gitam house that'd make an old bachelor sick.

"And Lucile takes it all in, but she never stops chaperonin'.

"Well, finally, it's one day along in January, and Lucile wakes up in the mornin'—and she knows she's near her time. She reaches for her keys, under her piller—and then she smiles. For someone's stole 'em while she was sleepin', and she gets up and goes to the window in her wrapper, and the doors of the house is open. Hob and his wife is helpin' each other shovel the snow from the doorstep, and Halbert and his wife is throwin' snowballs at Harvey and his and Howard is kissin' the doctor's eldest behind the kitchen door—and, 'Praise be!' says Lucile, 'I can have my baby in peace'—and she goes down to congratulate 'em all.

"Only then there was the families and the relatives still to fix. But Lucile had a plan for that, too—she had plans for everything. She managed to get a message back by a carrier pigeon, tellin' the townspeople their girls were all right and properly married. But she knew that wouldn't cool the townspeople much, and it didn't.

"One day when the spring's beginnin' and Lucile's baby is six weeks old, Hob comes runnin' in from his lookout post.

" 'They're comin', Lucile!' he says, 'the whole dum town! They got rifles and ropes and scythes and they look mighty brash and servigorous! What are we goin' to do?'

" 'Do?' says Lucile, calm enough. 'You get the boys together and keep out of sight—and tell the girls to come here.'

"And when she's got the girls together, she gives 'em their orders. But when she peeks out of the window there's the town marchin' up the road, slow and steady. And the minister's in the lead with a six-foot rifle in his hand, and his face is an iron mask.

"She sees 'em come to the gate of the Gitam place. The gate is wide open and nobody there to hinder. She

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can see 'em take that in—and she knows it makes 'em feel queer.

"Then they come along toward the house, the minister still leadin' 'em, and she catches her breath, for they still look awful mad. When they get to the house she knows what they'll expect—every window barred and every door bolted and red-hot bullets spittin' at 'em through loopholes in the wall.

"But the windows were open—you could see white curtains in 'em; there were plants on some of the sills. The door of the house stood ajar, and Lucile's cat was asleep on the doorstone, there in the sun.

"They stand outside that door for quite a little bit, just millin' around and starin'. Finally the minister picks up courage and grips his gun and goes up on the porch and knocks at the open door. He'd intended to stomp up those steps like a charge of cavalry, but he walks soft. He couldn't have told you why.

"He knocks once, and he knocks again—and then Lucile's standin' there in the door with her baby in her arms.

Somebody at the foot of the steps drops the scythe he's carryin' and his face begins to smooth out and get human again.

" 'You're just in time to christen my child, your reverence,' says Lucile. 'Have you brought that rifle to help you christen my child?'

"The minister's eyes drop after a minute, and slow, very slow indeed, he leans his rifle against a post of the porch.

" 'Your child?' he says, and his voice is nearly as low as hers, but there's still some fierceness in it. 'What about my child?'

" 'Listen!' says Lucile, raisin' her hand, and the whole crowd falls dead still. Then from somewhere in the house there comes the hum of a spinnin' wheel, low and steady, and a woman's voice, hummin' as she works.

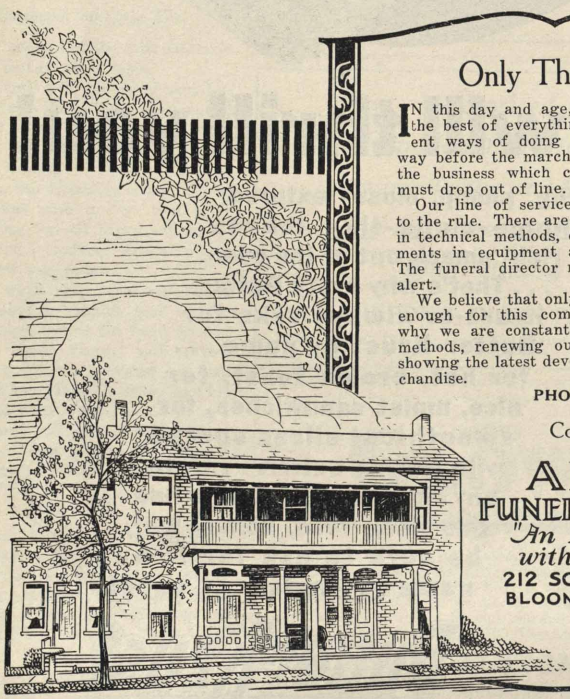
" 'That's your child you hear there, spinnin',' says Lucile, low and soft. 'Does she sound hurt, your reverence, or does she sound content?'

"The minister hesitates for a minute, and the crowd falls dead still again, and they all hear the hum of the wheel and the hum of the woman's voice, hummin' back and forth to each other as she does her work in the world.

" 'She sounds content—heaven help me!' says the minister, with a twist goin' over his face. But there's a sudden burst of cries from the others: 'My child, what about my child?' 'Where's Mary?' 'Is Susy safe?'

" 'Listen!' says Lucile again, and they all fall silent once more. And from somewhere there comes the splash of a churn and the voice of a woman talkin' to the butter to make it come; and the rattlin' of pans in a kitchen and a woman singin' at her work; and the slap of clothes on a

Continued on page 29

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# Monroe Industrial Club

The Monroe Industrial Club held their regular monthly meeting on Wednesday night, November 13th, at the Graham Hotel with a large attendance present and all seemed to enjoy the program.

After the minutes of last meeting were read and approved, The Welfare Committee reported on several cases they are handling.

John Hamilton's "Nighthawks" rendered several selections which were accepted with great applause. They are going to furnish the club with music at all our regular meetings in the future. "Doc" Roubadeaux gave an interesting reading that made the banquet room roar with laughter.

A general discussion on handling large stones was held in charge of Harold Rowland.

The next meeting will be devoted to stone drafting and the largest crowd ever is expected.

* * * * *

# Wizard Rock of Baby Farm

(Continued from page 27)

laundry board and the little clatter a woman makes settin' table.

" 'There's your children,' says Lucile. 'Hear 'em? Don't they sound all right? And—dinner will be ready in half an hour—and—everybody's stayin', I hope.'

"Then the daughters come out and their folks rush to 'em, and after everything was all happy and pleasant Lucile introduces the parents to their new sons-in-law.

"The word had got out how Lucile had worked a 'rabbit's foot' on the Gitam boys, having the farm divided up into 'Baby Farms,' with a fine bungalow of stone erected on each piece of land, so each Gitam and his wife and little Gitams could have a nice home, and considering Lucile a wizard at management the place is known as the 'Wizard Rock of Baby Farm.' "

* * * * *

The latest thing in British army camouflage is to equip motor vehicles with exhausts that imitate crowing roosters, barking dogs and other barnyard noises, thus covering the sound of troop activities.

* * * * *

The chief mineral wealth of Vermont lies in its granite and marble quarries.

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**for Employees of the Mills and Quarries**

**It will pay any worker of Oolitic Limestone to become acquainted with policies and plans I have to offer.**
**DISABILITY FROM ACCIDENT** — $100.00 Monthly Indemnity for Total Disability for Life. $40.00 Monthly Indemnity for Partial Disability for Two Months.
**DISABILITY FROM SICKNESS** — $100.00 Monthly Indemnity for Confining Sickness for Life. $40.00 Monthly Indemnity for Non-Confining Sickness for Two Months.
Can write you accident policy for one year for $2.00, will pay $10,000 for loss of Life. Have all kinds of Sickness and Accident Policies.
**HORACE BLAKELY, Agent**
Office over Bloomington Hardware Store Phone 2965

SERVICE—Measured not by Gold but by the Golden Rule
*Phone 130 Day or Night*
DAY & CARTER
BEDFORD, INDIANA
*FUNERAL DIRECTORS*
Prompt Ambulance Service Lady Attendant

*Authorized Jobbers of Hamilton Manufacturing Company's line of Drawing Tables and Filing Cabinets and Paragon Revolute Continuous and Automatic Blue Printing Equipment.*
**INDIANAPOLIS BLUE PRINT & SUPPLY CO.**
Indianapolis, Ind. **Write for Sample Book and Discounts**

GLOBE
**GLOW-BOY**
You make no mistake when you buy a Glow-Boy Heater. Heats the floor perfectly—a strong feature in its favor unlike a basement furnace. Delivers all the heat to the rooms; none lost. Many thousand homes testify to its merits. Beautiful in appearance, Glow-Boy performs a two fold heating miracle—1. Furnace circulation power —2. Warm floors, 85 to 100 degrees.
**JACKSON & ELSTON FURNITURE CO.**
BEDFORD, INDIANA

REPAIRING
WELDING

WILLARD BATTERIES
UNITED STATES TIRES

WAGNER GARAGE

Phone 91

Oolitic -:- Indiana

WRECKER SERVICE
COMPLETE BRAKE SERVICE

RAYBESTOS AND FERODO
BRAKE LINING
OILS AND GREASE

ARNEY BROTHERS

*Headquarters for*

Christmas Presents

*Big Line of Toys for the Kiddies*
*Useful Articles for the Grown-ups*

OOLITIC : : INDIANA

Christmas Next!

D. WATSON

Oolitic, Indiana

Is prepared for it with a fine line of Candies, Nuts and Fruits. Dry goods department full of articles suitable for gifts.

Twentieth Anniversary

Success due to the fine patronage the people of Oolitic and community have given us. Thanks.

L. A. Smallwood

DRUGGIST

OOLITIC -:- INDIANA

# OOLITIC

OOLITIC, still lies in the valley, though it is sitting on top of the world. We have not heard of a soul loosing one cent in the recent crisis on Wall Street. Yet, we are of the opinion, that if Wall Street was built of Indiana Limestone, a crisis would spell nothing, no, not even a tidal wave could disturb it. (Who is going after that contract?)

Another month has rolled by, with Thanksgiving right here. The quarries have just completed their yearly contribution from nature's storeroom. We reap where we have not sown. What a gift to humanity! Indiana Limestone, a national product from the hills of Indiana, is ready for the builders use. Do we appreciate the gift?

Of course some stripping projects are an expensive proposition, but after all, it is just merely preparing for the harvest, that is to become the creative feature of the adornments of the habitation of man, and the business structures of our great Nation.

The Indiana Limestone Industry is keeping up with the progressive spirit of the times, applying strict business methods to all departments. More especially the quarrying and grading of block stone. Through the proper application of grading, a large per cent of material is saved from the grout pile. This means added prosperity to the stone industry, because of the fact capital does not have to invest in such extensive quarrying operations to produce the desired quantity of select grade. It pays to grade and save the select material for the select grade, instead of using it indiscriminately.

Some years ago, quarry superintendents had the habit of moving from here to there, because some particular place looked like a choice spot, and all they desired to produce was select Buff Stone. This was typical of every other business. Lumbermen entered the forest and sawed down the choice and finest of trees, while those left standing were often consumed in the great forest fires. In the fisheries on the Pacific coast, owners of small fishing smacks, when confronted with a large catch they could not dispose of, gutted the fish and took out the choice delicacies, the bag of fish eggs. These were put away for their winter provision, and

# SECTION

the fish were thrown into the sea. So it was with the buffalo, the deer, and so it has ever been, in all new countries, an easy picking means a willfull waste.

The lumbermen could have set out seedlings to replace choice trees they cut down. This we are doing to-day. The fish hatcheries are supplying the lakes and streams with new supplies of fish and the government is conserving the buffalo and deer.

The Indiana Limestone Company realizes that Indiana Limestone cannot be replaced, therefore the necessity for the application of good business management, practical quarry methods, that will mean a cheaper production of block stone, to the benefit of the consumer and the producer and a big Thanksgiving turkey to all operators.

Let us give thanks.

* * * * *

## BIG BANQUET AT OOLITIC

**Oolitic Oil Company Tender Banquet to Employees and Friends.**

THE finest reception and banquet ever staged at Oolitic, was given by the King Brothers, proprietors of the Oolitic Oil Company, to their employees and friends, on Thursday evening, November 14th, at the Knights of Pythias Hall.

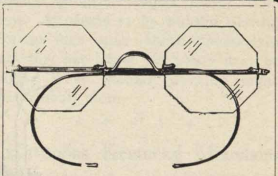
Employees and business men to the number of 81 were present as guests of the company, and partook of the splendid banquet which was prepared by the ladies of the M. E. church. Mr. O. O. Hall, county superintendent of schools opened the banquet with prayer. Walter Long, of Bedford, made a flash light picture of the assembly.

Following the banquet Toastmaster Elsworth King introduced Mr. Areli Jones, who on the part of the city as one of Oolitic's Trustees, made the welcome address to the visitors. In a very graceful way he extended a cordial welcome, extolling the well defined spirit of hospitality of the city, and invited all to come again.

L. A. Smallwood, Oolitic druggist, then welcomed the men to Oolitic on behalf of the business men of the town. Mr. Smallwood gave a brief summary of the growth of the Oolitic Oil Company from the time that it had one storage tank, one truck, and one employe until it is one of the most progressing oil companies in this part of the state. Mr. Smallwood explained that last year through the sale of gasoline the company paid $15,000 to the state of Indiana as gasoline tax. In 1923 the business comprised one man, two pumps, one Ford truck, one storage tank of 16,000 gallon capacity, with sales of 60,000 gallons of gas, 3,000 gallons motor oil. The 1929 equipment: sixty pumps located in Monroe, Orange, Jackson and Lawrence counties, with sales of 600,000 gallons of gas and 30,000 gallons of motor oil, with a payroll of $15,000.

Albert J. Fields, prominent attorney of Bedford, made the principal address, starting by complimenting the giver of the beautiful flowers on the table and asked that the giver stand. C. F. Browning, of the City Service, of Bloomington arose. He had brought the flowers from Bloomington and they added to the entire banquet. Fields dealt with the life of the two owners of the Oolitic Oil company and showed how they had grown from a small company to a large one and explained that the pair had the confidence of the people of Oolitic and surrounding territory. Mr. Field developed the thought that most great enterprises start in a humble way, and pointed with pride to the successes of the King Brothers, emphasizing the facts that a policy of fair dealing, energy and real service were

Continued on page 33

**Frank D. Hope**
OPTOMETRIST

**Eyes Examined and Glasses Accurately Fitted**

Reference Cheerfully Given

114 North Walnut Street

**BLOOMINGTON -:- INDIANA**

# Again--A Ton of Coal FREE!

**It Pays to Advertise,** and we found a new way to introduce our Coal —the best coal to be had anywhere.
**Our Offer** has "gone big!" And we have made many new "believers" in our coal. You have but to try our coal to prove that it is **Good Coal. Join the Many** who are taking advantage of our advertising offer— you may receive a Ton Free. At least you will find that you get Full Value Received for your money in Good Coal.
**To Every Purchaser:** Every weight certificate is numbered, and every Monday morning we give to the lucky number at a drawing a Ton of Coal FREE.

Just another way of introducing new customers to Good Coal. All you have to do is just buy a ton or more of coal for Cash.

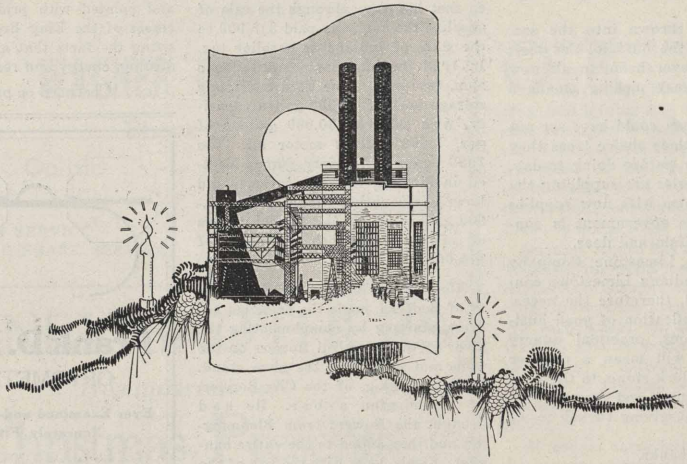
## Will You Be the Lucky One This Week?

**SEMI ANTHRACITE**
**CHAMPION VIRGINIA SPLINT LUMP OR EGG**
**EASTERN KENTUCKY LUMP OR EGG**
**INDIANA LUMP OR EGG**

(This offer also applies to Half-Ton orders for which the premium is One-Half Ton of Coal FREE.)

**— PHONE 4300 —**

# KENNEY COAL & ICE COMPANY



# *The Season's Greetings*

IN the advancement of the nation or the individual, electrical energy plays an important part.

Let the sparkling rays of the electric light and the busy hum of the electric motor express to you now our best wishes for a Merry Christmas and for your continued happiness and prosperity throughout the coming year.

**INTERSTATE**
**Public SERVICE Company**

# Big Banquet At Oolitic

(Continued from Page 31)

chief factors in the conduct of their business.

William King, father of the King brothers, was present and he was given hearty applause when called upon by Mr. Fields to tell of the early life of the brothers while they lived in Orange county.

Several other short speeches were made by Oolitic and Bedford men present. This list included Roy Parham, township trustee, Roy Sowder, cashier of the Bedford National Bank, Frank Rariden, cashier of the Oolitic State Bank; E. B. Crowe of Bedford; Marshall Miller, of Oolitic; Dr. Claud Dollins, of Oolitic; J. V. Stapp, justice of peace of Bedford; William Luckett, of Oolitic, and C. F. Browning, of Bloomington, who is representative of the City Service Oil Company, of Tulsa, Oklahoma.

The Oolitic Oil Company is completing an addition to its present building and in addition to the oil station they have launched a tire and battery shop as well as a super-service station, where cars can be oiled and greased.

* * * * *

### Stone Interests Jeopardized By Commerce Ruling

(Continued from Page 11)

cut stone about 14 cents higher on a foot than on rough stone.

If the differential in rates should become general, and this is entirely likely if the decision stands, it would be impossible for local plants to compete for cut stone business. It probably would result in cut stone plants being moved to other points. It would be practical to cut the stone at the point of building, rather than bear the added shipping expense entailed by the Commission's ruling, he pointed out.

In case of reopening, Mr. Bieze, traffic manager of the Indiana Limestone Company, who will be prominent in the hearing, will present argument that O'Mera was not discriminated against under the former arrangement.

The cooperation of Governor Harry G. Leslie and the State Chamber of Commerce will be sought.

* * * * *

The albacore variety of tuna is becoming scarcer annually, with the catch off the California coast dwindling from 15,000,000 pounds in 1921 to less than 4,500,000 pounds.

### Bridge Building in Winter

Canvas inclosures, salamanders, and live steam enabled the Concrete Steel Bridge Company, of Clarksburg, West Virginia, to carry on the pouring of arch ribs and deck of a highway bridge across the Susquehanna River at Hyner, Pennsylvania during the periods of last winter when the temperature dropped to 8 degrees below zero. The bridge was built for the Pennsylvania Department of Highways.

* * * * *

An official of the United States Inland Waterways Corporation says: "As far as I can ascertain there is only one city of national importance in our country, Indianapolis, which is not located either on the sea coast, the lakes or on our rivers."

* * * * *

The oldest known ancestor of the horse has four toes on its front feet and three on its hind feet, and it is believed that an earlier ancestor must have had five toes.

### Girls Are Smarter

(Newcastle Times)

The average standing of a girl and men students at Indiana university shows that the girls are far better students than the men. Their average is almost 25 per cent higher. It is hard to get away from the fact that between the ages of 15 to 25 women progress much faster than men. It seems to be human nature. Young men may think themselves smarter, but those ten years are the period when women develop much faster than men.

* * * * *

### Excavations Kentucky Mountains

Excavation of more than 2,000,000 cu. yd. of material and driving of about 9,000 ft. of tunnel on 13.6 miles of single-track construction in the mountains between Kentucky and Virginia are being accomplished for the Louisville & Nashville Railroad by the extensive use of plant and equipment.


Arthur Day

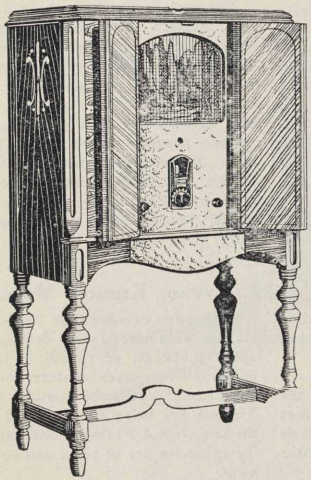
FUNERAL DIRECTOR

302 North Walnut Street
Phone 4363

New Funeral Chapel
Corner Eighth and Walnut

20th Century Ambulance Service Without Charge

BLOOMINGTON, -:- INDIANA



# Philco
## Balanced Unit
# Radio
## Is the SENSATION of the Year.

**Hoosier Hardware Company**

North Side Square Bloomington, Ind.

We have a Philco on Display in Ellettsville at the H. E. Williams Drug Store.

# The CHEVROLET

*Is popular with the Quarrymen, Mill Employees and Operators*

THE OUTSTANDING CAR OF THE AGE

## It Is A Car of Speed, Endurance and Economy

Our Factory Trained Mechanics
Will put your car in First Class Condition.

A NUMBER OF USED CARS ON EASY TERMS.

## BRENTLINGERS & MASON

Chevrolet Dealers

BEDFORD 1626-28 I STREET INDIANA

# In the Field of Science

## Mail Pick-Up In Service

Recent demonstrations of a device that enables pilots to pick up and drop air mail without stopping, are proving successful on a Cleveland-Pittsburgh air mail line. A speeding plane approaches the mail station swinging a weighted cable from its under side. A V shaped trap on the ground directs the cable into a slot, where it hooks to a bag of mail and is then drawn up by the plane. In the same way a bag of mail attached to the cable is dropped off.

* * * * *

## Forward In Building

Recent studies of city noises have shown that the familiar rat-tat-tat of pneumatic hammers that accompanies the building of a skyscraper is one of the most nerve-racking in existence. It is very objectionable and should be done by silent welding.

More than forty-five cities already have modified their building codes to take advantage of this modern method.

* * * * *

## Round Playing Cards Are Latest

Round playing cards have recently made their appearance in England. According to the designer of the new pasteboards, their shape facilitates shuffling and dealing. Six sets of spots and numerals are distributed around the edge of each card, so that the suits and numbers may be read easily regardless of the cards' position in the hand. The cards are now being introduced in the United States.

* * * * *

## First Aerial Billboard

What is said to be the first aerial advertising billboard in the world has just been erected near Detroit, Michigan. Its tilted sign, visible both to highway travelers and to passengers who fly overhead form the local airport, advertises the merits of a brand of motor gasoline and oils. Sky riders say that its message is clearly readable from a plane flying at a height of 700 feet.

* * * * *

The late Charles P. Steinmetz, electrical engineering genius, predicted that electricity, by doing most of the world's work would release everyone to almost boundless leisure. Super-power the mass production of electricity by a few central stations in the United States, may bring it about. It is the dream of engineers, and the next logical step in the new revolution.

* * * * *

## Penny-In-Slot Doorbell Keeps Hawkers Away

At last tramps, hawkers, and other nuisances may be discouraged from annoying the housewife. A Dutch inventor has devised an inexpensive device that will fit any doorbell and cause it to ring only when a penny is dropped into the slot. Visitors, errand boys, and others who have legitimate business at a house will not be out of pocket, however, for they may receive their coin back as soon as the door is opened to them.

* * * * *

## Oil From Bottom of Sea

Oil from the bottom of the sea is now being pumped into reservoirs from three unique underwater oil fields on the California coast. Huge wharves, a quarter of a mile long, reach out into the Pacific to support the derricks used in plumbing the ocean bottom for petroleum. Within a distance of twenty-five miles, along the coast in the region of Santa Barbara, the operators of two new fields and an old one have invaded the sea in search of oil and rich new deposits have been found in the shale below the breaking surf.


**The Show Places of Southern Indiana**

VON RITZ Theatre at Bedford Indiana

INDIANA Theatre at Bloomington Indiana

"ALWAYS A GOOD SHOW"

**Vonderschmitt AMUSEMENT Enterprises**

SPORTING GOODS **TOYS and GIFTS** SATISFY

SOUTHERN INDIANA
SPORTING GOODS COMPANY

Paul Graves, Manager 115 E. Kirkwood

*Bloomington, Indiana*

Dr. V. C. HASKETT
DENTIST
Office in Allen Building
BLOOMINGTON, INDIANA
OFFICE 2450 — PHONES — RESIDENCE 3315

**For Christmas**

A ROCKER, A TABLE
A LAMP, OR ODD PIECES
Living or Dining Room Suites
Everything at Bottom Prices and Easy Terms
New or Used Stoves

**FRANK BURNS**
216 West 6th Street Bloomington, Indiana

**CHRISTMAS GIFT Offerings at TOURNER'S**

Nearly a half a century Tourner has sold high quality, **Diamond Jewelry, Silverware** and **Clocks.** — Since 1884 we have mounted loose diamonds in our own shop at positive saving. Make your selections here where quality is unsurpassed. Selection greatest and price lowest.

**TOURNER'S**
City Hall Opposite Us 121 S. Walnut St. Bloomington

Sickles are still widely used in Spain in the harvesting of wheat.

* * * * *

About 80 per cent of the recent immigrant stock in the United States live in cities.

The natural gray color of aluminum may be turned to white by a

* * * * *

Southern mills are now consuming more than one-fifth of all the cotton used in the world.

## Better Times Ahead

The Manufacturers Record.

Judging by reports that come to the Manufacturers Record from various parts of the country, North, West and South, there is a psychological change going on in the public mind as to the outlook for business. This, moreover, is entirely outside of the effort that President Hoover is making to stimulate the business activities of the country. Indeed, these reports began to come to the Manufacturers Record from various sources even before Mr. Hoover's conferences indicating a decided belief on the part of business people generally that the break in Wall Street was a great blessing to the country and would cause people to turn from Wall Street speculative activities to legitimate business development.

The psychology of the situation always largely affects business for good or for evil, and the psychology of the moment seems to be a decidedly better feeling and a more hopeful spirit expressed by business men generally. President Hoover's conferences are good in their way. The spirit with which he has taken hold of the matter will be extremely helpful, and the effort that Secretary Mellon is making to carry forward construction work on public buildings on a much larger scale than prior to the World War all will stimulate larger activities.

* * * * *

## Seek to Keep Construction Activities At High Level

The 1929 meeting of the American Construction Council will be held December 12, 13 and 14 at the Sherman Hotel, Chicago, Illinois. The general theme of this meeting will be: "How to maintain prosperity through maintaining a high level of construction activities." This meeting will be held largely in the form of round table discussions on practical ways and means of encouraging construction.

Because of recent speculative developments in the securities market and business at large, the Council's Board of Governors recently authorized a statement to the public to stimulate the right kind of building investments.

* * * * *

It was a court and not a horse that said "nay, nay" to the practice of a Missouri establishment of using horse meat in chili.

# JUST KEEP SMILING

**Technical Education**

A clever girl
Is Mary Ann;
She understands
A frying pan.
—Detroit Free Press.

* * * * *

**No Let Up**

"I suppose now you are married your time of billing and cooing has ceased."

"Well the cooing has ceased but the billing is as brisk as ever."—Montreal Star.

* * * * *

**Fair Exchange**

"Did you notice how the conductor stared at you as if you hadn't paid your fare?"

"Yes, and did you notice how I looked at him—as though I had?"—Brooklyn Eagle.

* * * * *

**Justifiable Grievance**

Inspector (taking charge)—What's the man's complaint officer?

Policeman—'E complained that the lamp-post passed 'im on the wrong side.—London Opinion.

* * * * *

**Fowl Language**

He—You were no spring chicken when I married you.

She—Right you are. I was a little goose.—Progressive Grocer.

* * * * *

**No Report**

"Your wife doesn't seem to be making a success of her reducing."

"No; she's a poor loser."—Union Pacific Magazine.

* * * * *

**Back for More**

Barber—I don't seem to remember your face.

Patron — Probably not. It's all healed up now.—Montreal Star.

* * * * *

**Conclusive**

Magistrate—The evidence shows that you threw a brick at this constable.

Burly One—It shows more than that—it shows that I hit him.—Stray Stories.

* * * * *

**Great Advantage**

Critic—Well, nobody ever thought you were very bright.

Millionaire—And don't I know it; that's how I made my millions.—New Bedford Standard.

**No Diploma Yet**

Modern Young Man (after kissing a modern girl)—I'll be perfectly frank with you. You're not the first girl I've kissed by a long shot.

Modern Girl—And I'll be perfectly frank with you. You've got a great deal to learn at that.—Montreal Star.

* * * * *

**Not Always**

Host (grandly)—Yes, there's no doubt that the radio has come to stay. What is it Hortense?

Hortense—It's the collector, sir. He says if you don't pay up your installments he'll have to take your radio back.

* * * * *

**Deserved Admiration**

Bridegroom (as they stroll along the shore)—Roll on, thou deep and dark-blue ocean, roll on.

Bride (proudly)—Oh, Gerald, how wonderful you are. It's doing it.—Union Pacific Magazine.

* * * * *

**Reliable Formula**

"I caught my husband flirting."

"That's how I got mine, too, dear."—Brooklyn Eagle.


## Make Next Christmas Complete---

### The Sure, Easy and Safe Way to Save

Just imagine next December receiving a nice substantial check just before Christmas. Money for Christmas gifts or other end-of-the-year obligations. That sense of satisfaction in having ready money to take care of your immediate needs.

Joining our bankers' Christmas savings club provides a simple, safe and satisfactory method of making that possible. A little money put aside each week in our club for 50 weeks to which we add interest will provide you with a check when you want it, for whatever you want it.

There's no red tape in joining our club. Just figure out how much money you would like to have next December. A small deposit makes you a member. There are no fines, no deductions. You can't lose a penny under any circumstances.

There's a plan that fits every purse. Young and old will appreciate its benefits. Teach the youngsters the lesson of thrift. Provide yourself with ready money for the merry holiday season.

*4 Per Cent Interest Paid on Time Deposits*

## The Peoples State Bank

*ELLETTSVILLE, INDIANA*

## His Best Jobs

WHEN YOU BUILD

WHEN YOU BUY

WHEN YOU REMODEL

WHEN YOU SELL

## YOUR BUILDER DISPLAYS THESE PROTECTIVE SIGNS

THE "bonded home" sign pictured above introduces you to the most reliable and experienced contractors in this city. When building you'll be sure of a better job when you select a contractor who displays this "bonded home" sign.

For one thing, you can be sure he's an experienced and reliable builder. He uses CERTIFIED MATERIAL and gives you a $1000 guarantee that every item of material used in your building will be exactly as specified. Furthermore, when your building is completed he gives you a Certificate of Quality which lists all the material used in your building and which will prove of great value should you ever wish to renew a mortgage or sell the property.

Watch for these "bonded home" signs and select the contractors who display them. And to derive the full measure of comfort and peace of mind which comes from a secure investment—always insist upon the use of CERTIFIED MATERIAL and its $1000 guarantee of satisfaction.

# Pike's Lumber and Building Materials

TELEPHONE 3210 414 North Morton Street *BLOOMINGTON, INDIANA*

# Cities Service Products

Complete Oiling and Greasing

TIRES and TUBES

COMPLETE BATTERY SERVICE

EXPERIENCED MAN IN CHARGE

**OOLITIC OIL CO., Inc.**

ELLSWORTH KING E. W. KING

C. F. LEWIS S. P. LEWIS

**UNUSUAL SERVICE**

We want every job to stand as a monument to skilled workmanship.

**LEWIS ELECTRIC COMPANY**
ELECTRICAL ENGINEERS
816 16th Street - - - - BEDFORD, INDIANA

# NASH SERVICE

*We employ only trained mechanics. You pay a flat rate labor charge and are guaranteed the use of GENUINE NASH PARTS ONLY.*

## Bedford Nash Company

1634 I Street Bedford, Indiana

Phone No. 1792
House Calls Made

Office Hours
8-11 A. M. & 1-5, 7-8 P. M.

# DR. W. H. SCHROER
**CHIROPRACTOR**

ELECTRO VAPORIZED MINERAL FUME BATHS

*Over Beddoes Drug Store* -:- *Bedford, Indiana*

# J. O. Henderson, Incorporated

Office Supplies and Equipment, Loose Leaf Devices
Blue Printing and Drafting Supplies

*Bloomington, Indiana*

109 South Morton Street Telephone 2108

## Need of Charitable Activities

We have reached the season of the year when much attention is being given to philanthropical activities. The holiday season with its wealth of sentiment is upon us.

It is a good time to give thought to the value of thrift in the elimination of human woe. A great amount of the poverty and distress of the world is due to sheer lack of thrift. An old philosopher once wrote that "the highest step and the summit of charity's golden ladder is to so aid a man that he may earn an honest livelihood and not be forced to the dreadful alternative of holding out his hands for charity."

Truly it may be said that we help others most when we help them to help themselves. In the earlier developments of thrift education there grew up, particularly in England, vast numbers of charity associations. Persons who were in need were given alms to alleviate their temporary condition.

The knowledge developed out of these early activities that charity of this description often encourages idleness. As time advanced, society learned that the best way to combat poverty was to encourage individual industry. Due to the popular development of thrift habits, poverty is gradually being eliminated, although there always will be those who, temporarily at least, will need charity.

But we should remember that when we encourage thrift upon the part of any individual we are most likely removing him forever from the possibility of ever becoming a charitable object.

We shall probably never reach the place where charity is no longer needed, but as throft becomes more and more popular the number of individuals dependent on public or private charity will become continually fewer.

* * * * *

The employes of Frederick E. Schaefer, who runs an express trucking service at Newark, N. J., have won their strike and each one will get $3 less a week for his services. Shaefer was paying his men $48 a week when other employers were paying $42. The $42-a-week men struck for $45 and Schaefer's employes were called out. The strike was ended with the adoption of the $45 scale.

* * * * *

A dam constructed entirely of marble has been completed in Athens.

## Ledge -- Quarries -- Mills, Etc.

(Continued from Page 9)

Mr. and Mrs. Leo Kimmet are the parents of a new son, born at the City hospital, November 19th.

* * * * *

Lowell Alkire has been transferred temporarily to the Kansas City Cut Stone Company.

* * * * *

Basketball has attracted quite a bit of attention this season around the stone offices. There are a number of boys employed in the mill and offices that have been excellent high school players. Several games have already been played but the most exciting will probably be between the Tribune and Indiana teams, which will be played at the Armory, Thursday December 5th.

There seems to be much rivalry between these teams, enough that they have put up a twelve dollar bet aga nst each other. The game resulted, Tribune 11, Indiana (Hoadley) 8.

* * * * *

George Baker had the misfortune of having his Chrysler completely demolished in a head-on collision south of Bedford three weeks ago.

Luckily no one was hurt seriously. The car was covered with insurance but it was damaged beyond repairs.

* * * * *

## Chicago's Giant Mart

(Continued from Page 13)

3,915,000 cubic feet of concrete.
200,000 cubic feet of stone.
29,000,000 bricks.

Outside base dimension for the Merchandise Mart are 296 feet on Franklin and Orleans streets, 326 feet on Wells street, 573 feet along the north bank of the Chicago river, and 724 feet on Kinzie street.

* * * * *

## A Practical Test

A large county in a western state, finding its crime problem growing, recently adapted its legal procedure to the English system of swift retribution and punishment. As a result, within a short time murders and other major crimes dropped to a minimum. The county is experiencing the quietest period in its history so far as criminal ravages are concerned.

The other side of the picture is presented by one of the largest American cities. In this community few criminals are ever arrested and still mated that the murderer's chance of reaching the electric chair is less than one in a hundred. In consequence, crime is on the increase and the under world thrives. Yet this city's record in comparison to other American metropolises is merely average.

It would seem that the American people should need no more proof than has been advanced in the last few years that our method of handling crime is foredoomed to failure. In England, for example, a single unpunished murder in a year is cause for speeches in Parliament and public indignation. In the United States hundreds of murders go unavenged almost without comment.

The public must take the blame. Public opinion has been grossly negligent in its attitude toward crime. We will never have a reform until a majority of our citizens use their power to demand an application of our laws and criminal procedure that will bring swift retribution to the wrong-doer.

* * * * *

Even if the proposed government reorganization is a great success, it seems hardly likely that things can be so arranged so that all the hired hands will earn their pay.

Another Xmas Season
Is Here

Our stock of Holiday merchandise is very complete, just a few suggestions, for you must stop in and see the wonderful values and the many beautiful gifts we have selected for your approval.

JEWELRY — WATCHES — DIAMONDS
LEATHER PURSES FOR LADIES AND MEN
TOILET SETS — TRAVELING SETS
MANICURE SETS — PERFUMES
CANDIES — CIGARS — PIPES
STATIONERY.

Be sure to hear the new Bremer Tully Radio, and get prices and terms.

CARTER & O'HAVER
*CUT RATE DRUGS*
So. Side Square Bloomington, Ind.

Largest Stock in Monroe County of Choice Values for

Christmas Gifts

Sweaters, Shirts, Ties, Scarfs, Gloves, Hosiery, Belts, Bathrobes, Silk and Wool Mufflers, Handkerchiefs, Traveling Bags and Leather Goods, Hats, Caps, Suspenders. Nothing lacking. It's all here.

The fine Christmas Spirit of Cheer and Good Will In Every Department

Kahn Clothing Company
So. Side Square -:- Bloomington, Ind.

# Builder of Court House and Monument

(Continued from Page 5)

1902, at a total cost of $600,000.

The project for erecting the great memorial originated with the Grand Army of the Republic at its re-union in 1875. Funds were collected by the Department of Indiana, and when the amount reached $21,000 it was transferred to the state. On March 3, upon application of the Department, the Legislature appropriated $200,000 toward the erection of the monument. Later $100,000 more was contributed by the state. A commission composed of Samuel B. Voyles, D. C. McCullum, George W. Johnstone, Daniel W. Ransdale, and George J. Langsdale, the latter gentleman being the head of the commission, had entire charge.

The monument occupies the center of a circular plat 333 feet in diameter known as Circle Park or Monument Place, in the center of the city of Indianapolis, at the intersection of Meridian and Market streets. The following are the dimensions of this great soldiers' and sailors' monument:

"Diameter of Plaza surrounding Monument, 342 feet and 7 inches.

Diameter of Terrace, 110 feet.

Height of Terrace, 16 feet, 4 inches.

Monument Foundation, 69x53 feet.

Depth of Foundation, 30 feet.

Height of Monument, including the Foundation, 314 feet, 6 inches.

Height of Monument from street level to top of Statue, 284 feet, 6 inches.

Height of Victory Statue, 38 feet.

Shaft at top, 13 feet, 3 inches.

Balcony, 16 feet.

The Balcony is 228½ feet above the ground, is reached by an electric elevator or by stairway consisting of 32 flights—324 steps. On reaching the balcony visitors look over a beautiful panorama of Indianapolis and vicinity—a delightful view, not surpassed anywhere. Below the balcony is a bronze astragal bearing the dates 1861, 1865, on the four sides of the shaft, illuminated by electricity. Midway on the Monument is a second bronze astragal, emblematic of the Navy, and further down, a third bronze astragal representing the Army. On the east and west sides of the Monument are the two largest groups that have ever been carved out of stone—the one on the east representing War, the other Peace. On the south front are two heroic statues, each cut out of a huge block of stone; one represents Infantry, the other an ideal Cavalry Scout. On the north front are the Artillery and Navy representatives, same as on the south. On the east and west sides of the terrace are magnificent cascades, over each of which flow 7,000 gallons of water per minute. With eight immense candelabra carrying 48 arc and 150 incandescent lamps, together with the 500 incandescent lamps at the top, Monument Place is the most brilliantly and beautifully lighted spot in the country. On subordinate pedestals occupying positions in the four segments, are bronze statues of Gov. Morton, Gov. Whitcomb, Gen. William Henry Harrison, and Gen. Geo. Rogers Clarke. In the crypt is a complete light and power plant for the exclusive use of the Monument.

The main shaft of the Monument is square, and presents a smooth, unbroken surface, except where the narrow windows are cut. An immense tablet on the south side of the face of the Monument, near the base, shows the record of Indiana's representation in the Civil War, as follows:

WAR FOR THE UNION:
1861—1865
**Indiana Volunteers.**

| | |
|---|---|
| 126 Regiments Infantry | 175,772 |
| 13 Regiments Cavalry | 21,605 |
| 1 Regiment Artillery | 3,839 |
| 26 Companies Artillery | 7,151 |
| Navy | 2,130 |
| Total | 210,479 |

Killed and Died, Land Forces, 24,416.

Above this tablet is the inscription: TO INDIANA'S SILENT VICTORS.

A similar tablet on the north side of the base bears the record of three other important wars, as follows:

War with Mexico:
1846, 1847, 1848.
Indiana Regiments, Nos. 1, 2, 3, 4, 5.
4,585 Men.

Indian and British War:
1811—1812.
Battle of Tippecanoe:
Indians Defeated, November 7, 1811.

War of the Revolution:
Capture of Vincennes from the British,
February 25, 1779.

--- Xmas Special!

Ask us about our Christmas Special. We are closing advance Christmas work now, so come early.

For the benefit of those who come later in the evening, we are open evenings till 8:00 o'clock.

CALL 753-W FOR APPOINTMENT

The Long Studio

East Side Square Bedford

WHALEY BROTHERS

TIRE AND BATTERY SERVICE

310 West Sixth Street Phone 2285 Bloomington, Ind.

## 74,780 Miles of Road Improved In 1928

Complete statistics for the United States for the calendar year 1928 covering all roads constructed by Federal, State and local agencies, compiled by the Bureau of Public Roads of the U. S. Department of Agriculture, indicate that Federal aid has helped materially in the construction of the higher types of surfacings.

In the year a total of 74,783 miles of highways were improved, says the bureau. With State and Federal funds and the cooperation of the U. S. Bureau of Public Roads, the States constructed 7814 miles of roads and 47 miles of bridges in the Federal-aid system. With State funds alone the States improved 21,391 miles of State roads, and the counties and other local units constructed 45,531 miles of county and local roads.

Consistent with superior importance, as shown by traffic surveys, the Federal-aid road improvements were generally of higher type than improvements made on other State roads and on the local roads. As fast as funds become available, high-type surfaces are being constructed by States and counties where traffic requires them. Medium-type pavements, which cost less to construct than the high-type, are built where traffic is not so great, and the greater proportion of unsurfaced roads constructed are of local importance.

For purposes of comparison, the year's total mileage is divided into three general types—high-type surfacing, of which 8286 miles were constructed in 1928, consisting of bituminous concrete, Portland-cement concrete, sheet asphalt, and brick; medium-type, of which 7617 miles were constructed, these being surfaced with waterbound and bituminous macadam; and low-type, of which 58,880 miles were improved, these being graded and drained earth roads, sand-clay and top-soil and gravel.

In the year, the States, with Federal aid, improved 3308 miles of Federal-aid roads with high-type pavements and bridges, or 39 per cent of the total; with State funds alone they constructed 3461 miles, which was nearly 42 per cent of the total of that type built. The counties constructed 1517 miles of high-type highways, a mileage which was 18 per cent of the total.

**We Do Built Up Roofing and Sheet Metal of All Kinds**

JOBBERS OF

**Johns-Manville and Carey Products**

ESTIMATES FREELY GIVEN

**Heitger Hardware & Stove Company**

BEDFORD, -:- -:- INDIANA

Refreshing as a long rest

Drink Coca-Cola Delicious and Refreshing

8 MILLION a day

COCA-COLA BOTTLING WORKS Bloomington, Indiana

14-B

IT HAD TO BE GOOD TO GET WHERE IT IS

*THE BOUQUET SHOP*

*Florists*

Cut Flowers, Blooming Plants

Bloomington, Ind. Phone 3903

WE USE IVORY SOAP EXCLUSIVELY

**IDEAL LAUNDRY**

PHONE 6120 BLOOMINGTON, IND.

Hunt up the advertisement of the Kinney Coal and Ice Co., in this issue of Quarries and Mills and see what they have to offer in the way of Free Coal. For several weeks they have been giving a ton of coal to the lucky one, and the proposition is now going bigger than ever. You get your money's worth in high grade coal, and the lucky one each week gets a ton free. Look the ad up in this magazine. It tells you all about the plan.

* * * * *

The Globe Glow Boy, advertised in this issue of Quarries and Mills, by Jackson & Elston, Bedford, has the record of being the best heater on the market. Has real furnace circulation, and will heat the floors 85 to 100 degrees. No other heater is its equal. Call and look it over. Nice line of rockers, tables, lamps, etc., suitable for Christmas presents.

* * * * *

In buying a present for Dad go to the Square Deal Tire Shop, 806 East 16th street, Bedford, and secure something that will add a touch of convenience to the auto. You will find a lot of novelties there, and the whole family will appreciate any one of them. A radio, or accessories in this line also. Diehl Richardson, proprietor of the Square Deal, extends best wishes to you all, and hopes to continue to merit your trade.

* * * * *

The J. R. Black Lumber Company, 1015 7th street, Bedford, carries a complete line of lumber and builder's supplies, and they fully sustain their record for supplying number one materials at the lowest possible prices. They also have one of the best equipped mills in southern Indiana and will take care of your orders in this line promptly and at satisfactory prices. Call and talk over your building problems with Mr. Black. He is a veteran in the lumber business, and will take pleasure in consulting with you.

* * * * *

The Bedford Electrical Repair Shop has moved from 1014 14th street to 1510 K street, and will be pleased to see all the old customers at the new location. The slogan of this establishment is, "If it is electric we can fix it," and the record of their work bears out this slogan. The proprietor is well informed on electrical matters, having given the subject thorough study, and his successes with all classes of work is the best evidence that he can be depended on. Nothing too big, nor too small. Prompt service at moderate prices guaranteed. Wide experience in the work, backed by a clear knowledge of electrical appliances and their uses, affords this company full confidence in their ability to care for your electrical problems. Call at their new location and see them.

* * * * *

The recent high water on the lake front at Chicago has convinced the good folks up there that they need additional breakwater and as a result several thousand tons of refuse stone is going forth over the Monon. The stone is placed on barges and carried around and dumped where needed. Many thousand tons are also going to Brookport, Illinois, to strengthen the locks there. Thirty cars a day are going to Brookport alone.

* * * * *

"Courtesy Long's Studio of Photography"—This should have appeared on page 47, below the Dark Hollow picture—omitted by oversight.

* * * * *

According to statistics of the Associated General Contractors of America, construction for 1929 is about equal to that of last year. By reason of improved methods, more efficient machinery and higher efficiency in labor, buildings go up now much faster than heretofore, greatly lessening the labor item, and reducing somewhat the cost of construction.

---

May bad luck follow you all the days of your life—but never catch up with you.


**The Globe Clothing Co.**

BLOOMINGTON, INDIANA—HAS A

Beautiful Line of Gift Articles

TIES, MUFFLERS, BELTS, HOSIERY, SWEATERS, HANDKERCHIEFS, GLOVES, LEATHER GOODS

HATS, CAPS, SUITS, OVERCOATS

**Buy Her A Diamond or Watch for Christmas**

Our stock invites you and our prices will please you.

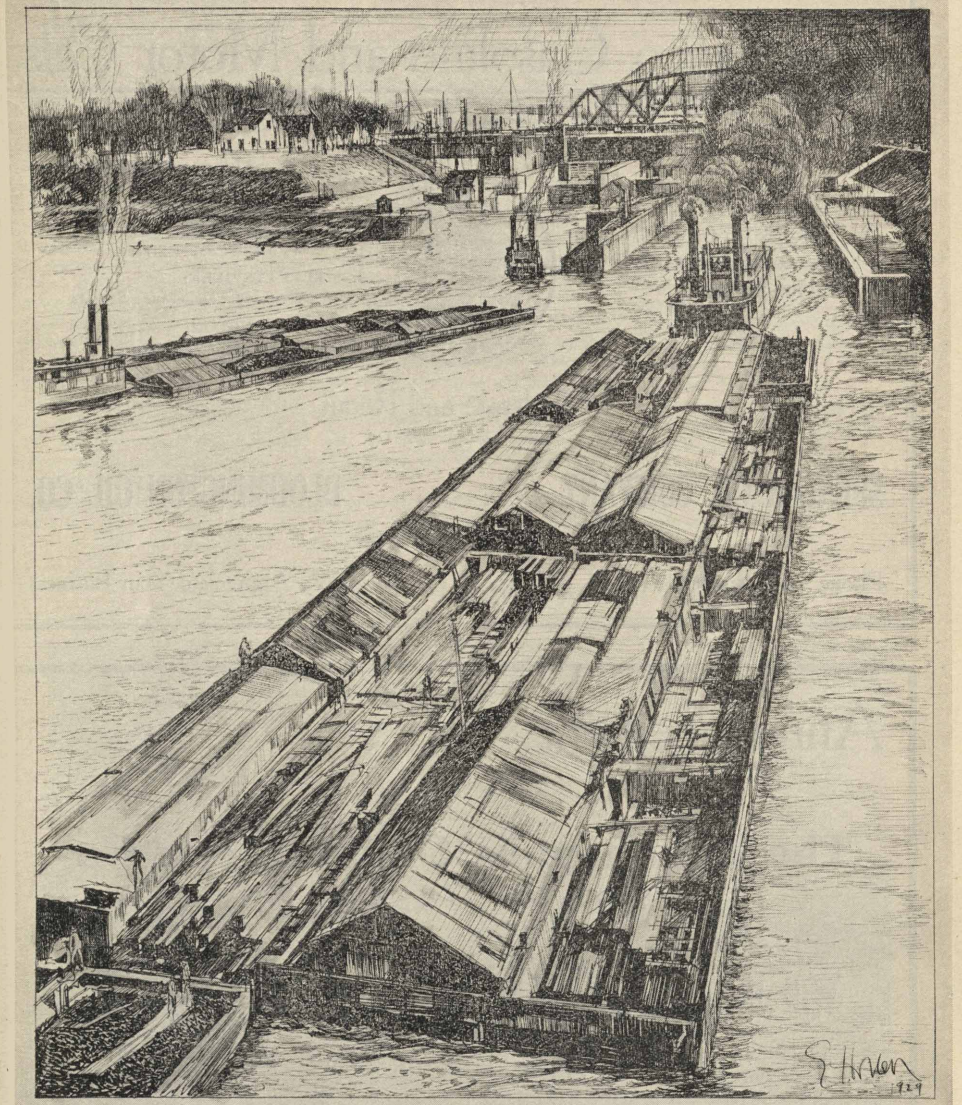
DIAMOND RINGS $12.50 to $200.00
WRIST WATCHES $12.50 to $150.00
SILVERWARE $1.00 to $50.00
1000 ITEMS @ $1.00

Everything at published prices. Try our Dignified Credit Plan.

**ED WILLIAMS**

114 N. Walnut St. Bloomington

RADIOS AND RADIOLAS



THE NEW CONQUEST OF THE OHIO—By Earl Horter

Courtesy of The Nation's Business

A new chapter in the colorful history of the Ohio River has begun with the recent completion of Dam 53, last link in the chain of dams which will provide a nine-foot river stage from Pittsburgh to Cairo, Illinois, and free navigation from the seasonal menace of low water. Bark canoes of the Indians, bateaux of the French, flatboats of the pioneers, the first crude steam craft, Federal gunboats, and palatial side-wheelers in succession have plied the Ohio's broad bosom. Now in turn come the monster tows of modern commerce such as the steamer Monongahela here pushes from the lock at Louisville—14,000 tons of steel bound down from Pittsburgh.

The project, ocmpleted after 50 years and at a cost of nearly $120,000,000, forms a part of the world's greatest inland waterways system.

# Use Linco Gasoline and Motor Oils

BULK STATIONS
BLOOMINGTON, INDIANA
SPENCER, INDIANA

SERVICE STATIONS
SPENCER:
Morgan and West Streets
Main and Cooper Streets
ELLETTSVILLE:
Vine and Temperance Streets
BLOOMINGTON:
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Wholesale and Retail

**SPENCER OIL COMPANY** -:- **BLOOMINGTON OIL CO.**

P. A. MADARIS, Manager

Phone 165, Spencer

We Appreciate Your Business

# Announcement

## The Indianapolis Oolitic Stone Co.

Located One Mile East of Stinesville, Indiana

## Will Be Sold Sometime Within the Next 60 Days

Well equipped mill of FOUR GANGS, FOUR PLANERS and DIAMOND SAWS. GOOD BUFF QUARRY. Valuable property for some practical stone man. Exact date of sale will be given later.

ADDRESS

**A. R. MARLEY, Receiver, Gosport, Indiana**

## Indiana Mill News

The Mill heretofore known as the Hoadley Mill has been renamed the Indiana Mill.

Russel Duling and Miss Louise Fiscus, both of Freedom, were married November 27th. They will reside on West Wylie street, Bloomington.

James Chambers is back in the drafting room, after an absence of several days at the bedside and funeral of his mother at Indianapolis.

David Hunter, carver of Bloomington, working at Chicago, was visited by Mrs. Hunter, Thanksgiving.

Frederick Pflug spent Thanksgiving with home folks at Chicago.

Howard Finn and Miss Helen Madara spent the week end with her folks at Anderson.

Orville Fuller attended a De Molay dance at Indianapolis, November 29.

Mr. and Mrs. Paul Bennett visited Scottsburg friends Thanksgiving.

Mr. and Mrs. Howard Hartman and son visited at Indianapolis over the week end.

## The Chevrolet Leads

The Chevrolet auto has had the greatest lead this year in the history of auto manufacture and sales. Around a million and a half of the Chevrolet Six has been made and sold since last April, and the car is becoming more popular every day. The splendid road performance of this car, with its high speed and nominal consumption of gas, economy of upkeep and general dependability are factors that the public has taken into account, with the result of placing the Chevrolet practically in a class to itself.

The time is here when the average buyer wants a medium priced car that is not too heavy to go any where, and has motor ability to get you there. The Chevrolet is very popular with the quarrymen, beause it takes them over the hills and hollows on time, at low cost, and little expense or upkeep.

Count the cars in the Oolitic field, and on the road generally, and you will notice it leads in number. It is built on lines for real power, speed, economy, and attractive appearance.

Bretlingers & Mason, Chevrolet dealers, 1626-28 I street, Bedford, will be pleased to demonstrate the Chevrolet. They employ factory trained employees, and will put your car in first class condition.

* * * * *

You are always in safe hands when you turn your radio or electric orders over to Lewis Bros., to be taken care of. They take pride in doing good honest work, and allow nothing to go from their store that they cannot honestly recommend. Big line of electrical goods suitable for Christmas gifts. Nothing finer for Christmas than a radio.

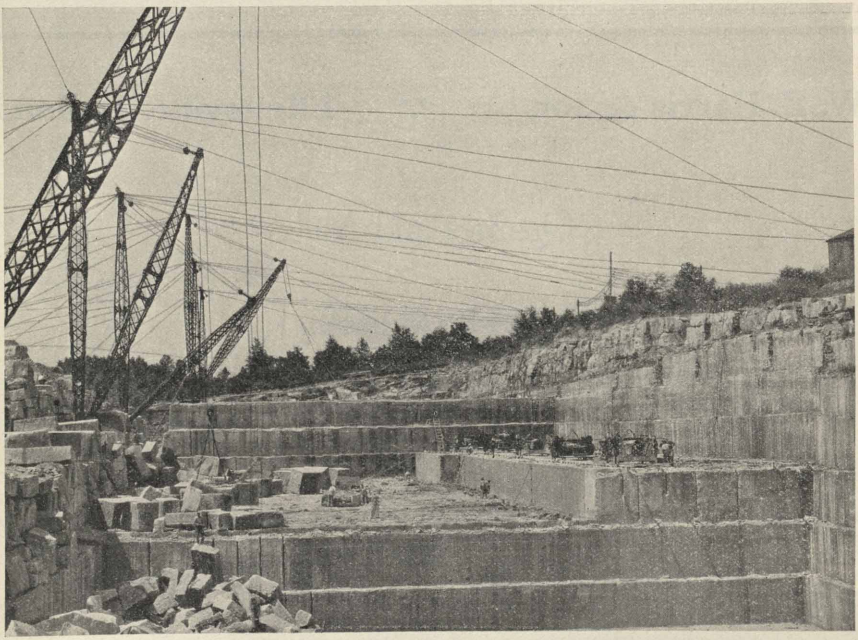
* * * * *

There are only 25 farms in Norway with an area of more than 250 acres of cultivated land.

* * * * *

About twice as many children are affected with rickets in the city as in the country.

# View of Famous Dark Hollow Quarry



Bedford, Indiana

Property of the Indiana Limestone Company.

# A. J. THOMPSON STONE CO.

## Indiana Oolitic Limestone

## CUT STONE CONTRACTORS

*JOBS NOW BEING FABRICATED*

ANTHONY J. BOWEN SCHOOL
Washington, D. C.

PARISH HOUSE FOR TRINITY EVANGELICAL LUTHERAN CHURCH
New Brighton, Pa.

GEO. D. SCUDDER SCHOOL
Portsmouth, Ohio

MILLVILLE SCHOOL
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Specialize on Printing for Quarry and Mill Operators

Let Us Quote You Prices On UNIFORM PROPOSAL CONTRACTS, Planer Tickets, Etc. Anything You May Need in the Line of Printing : : : : : : : :

# AUTOMATIC TRAIN STOP

## LATEST TRAVEL SAFETY DEVICE

### *Monon Route First and Only Line Between Indianapolis and Chicago to Install This Marvelous Safety System*

Automatic Train Stop, the latest travel safety device, has been installed and is now in operation on the MONON ROUTE over its entire line between Indianapolis and Chicago.

This device, electrical in operation, is installed in track and engine, and is synchronized with the Automatic Block Signals. It endows the Automatic Block Signal with power to enforce its commands. Heretofore, the Automatic Block Signal, sometimes called the "silent sentinel," has had power only to warn the engineman. Now it has power not only to warn him but actually to stop him. Should the engineman fail to see and obey the warning signals, the Automatic Block Signal, with the new power conferred on it by Automatic Train Stop, takes the control of the train out of the engineman's hands and stops it.

With this latest safety system in constant operation, you ride secure in the knowledge that the possibility of human error no longer constitutes an element of risk in travel.

This latest safety system is for the protection of our patrons. It is the result of over twenty years of extended research on Automatic Train Control. It protects the train upon which you are traveling on the darkest night or in the thickest fog. It helps to bring it in on schedule time. It is also of benefit to shippers and buyers, especially in the transportation of perishables, live stock and valuable merchandise.

Although both the Automatic Block Signal System and the Automatic Train Stop System have been installed between Indianapolis and Chicago at a large expense, not a penny has been added to the railroad fare nor to the cost of freight shipments.

The introduction of these marvelous safety systems is typical of the MONON'S progressive policy to give to its patrons the best that is available.

When you travel between Indianapolis and Chicago, do as most people do—travel on the

**MONON ROUTE**

CHICAGO, INDIANAPOLIS & LOUISVILLE RY.

Scottish Rite Cathedral,
Indianapolis, Indiana
Indiana Limestone
finished and furnished by
Matthews Brothers Co.
Bloomington, Indiana

# CHARACTER

How significant, indeed, was the choice of Indiana Limestone for the new Scottish Rite Cathedral of Indianapolis. The tenets of Masonry and the qualities of stone each typify genuineness—Character. . . . . We acknowledge pride in citing this edifice as indicative of the character of our ability to fabricate Indiana Limestone for some of the Nation's noteworthy architecture.

**Matthews Brothers Company**

18 PIONEERS 62 ∴ ∴ ∴ Bloomington, Indiana